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The British & London Pharmacopœias Compared.

With an abbreviated

MATERIA MEDICA,

by

George Barber.

2/6

[redacted]

THE

BRITISH AND LONDON PHARMACOPŒIAS COMPARED.

WITH AN ABBREVIATED

MATERIA MEDICA,

GIVING THE

CHEMICAL SYMBOL, EQUIVALENT, NATURAL ORDER, BOTANICAL NAME, HABITAT, PROPERTIES, STRENGTH, AND DOSE OF EVERY ARTICLE IN THE BRITISH PHARMACOPŒIA,

BY GEORGE BARBER,

PHARMACEUTICAL CHEMIST.

SECOND EDITION, REVISED AND ENLARGED.

LONDON:
SIMPKIN, MARSHALL & CO., STATIONERS' HALL COURT.
1864.

157 o. 34.

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PREFACE.

THE first part of this work consists of a comparison of the British, with the London Pharmacopœia of 1851, the two formulas being placed side by side, by which arrangement the exact amount of alteration can be readily ascertained.

The second part, has been prepared more especially, for the use of Apprentices and Students preparing for examination, giving, in small compass, the Pharmacopœial and Botanical Name, Natural Order, Symbol and Equivalent, Habitat, Properties, Strength, and Dose of every article in the Pharmacopœia.

It is not intended as a substitute for the Pharmacopœia, therefore, all details of manipulation have been omitted. No labour has been spared in making it as complete as possible, and the compiler trusts it will be found by the Medical Man and the Pharmaceutist, to be a convenient and useful book of reference.

51, *Great George Street,*
June, 1864.

WEIGHTS AND MEASURES.

WEIGHTS.			P. B.	P. L.
1 pound	- ℔.	= 16 ounces	= 7000 grains -	- 5760 grains
1 ounce	- oz.		= 437·5 grains-	- 480 grains
1 grain			1 grain -	- 1 grain.

MEASURES.				
1 gallon	- - - C.		= 8 pints - - -	O. viij.
1 pint	- - - - O.		= 20 fluid ounces -	fl. oz. xx.
1 fluid ounce	- - fl. oz.		= 8 fluid drachms	fl. drs. viij.
1 fluid drachm	- fl. drm.		= 60 minims - -	min. lx.
1 minim	- - - min.		= 1 minim - - -	min. i.

It must be borne in mind that in comparing the British wi the London Pharmacopœia there is a difference in the weight the ounce, of rather more than one-tenth—*i.e.* 437½ grains inste of 480 grains. The specific gravity of Liquids is to be taken at 6 Fahrenheit, and all liquids are ordered by measure, unless it stated otherwise.

*** The new preparations are marked by an asterisk.

THE BRITISH PHARMACOPŒIA

COMPARED WITH THE

LONDON PHARMACOPŒIA OF 1851

Acidum Aceticum Dilutum.

	P. B.		P. L.
Acetic Acid,...	1 pt.	—	23 dr.
Distilled Water, ...	7 pt.	ad.	1 pt.
	S. G. 1·006		S. G. 1·008

***Acidum Aceticum Glaciale.**

Acetate of Soda, ... 20 oz.
Sulphuric Acid, ... 8 fl. oz.
Product 6 fl. oz. Sp. Grav. 1·065, congeals at nearly 32°.

Acidum Arseniosum.

Commercial Arsenious Acid, purified by sublimation.

Acidum Benzoicum.

Prepared from Benzoin by sublimation.

***Acidum Citricum.**

Bear Yeast ... ... 2 fl. oz.
Lemon Juice, ... 4 pts.
Prepared Chalk, ... 4½ oz. No formula.
Dilute Sulphuric Acid, ... 27½ fl. oz.
Distilled Water, ... q. s.

20 grs. are saturated by 29 grs. Potass. Bicarb.
" " " 24 grs. Sodæ "
" " " 17 grs. Ammon. Carb.
17 grs. are equal to about ½ oz. Lemon Juice.

Acidum Gallicum.

Obtained from moistened Galls by exposure to the air, boiling in water, and crystallization.

Acidum Hydrochloricum.

	P. B.		P. L.
Chloride of Sodium, ...	48 oz.	—	48 oz.
Sulphuric Acid, ...	44 fl. oz.	—	40 fl. oz.
Water, ...	36 fl. oz.	—	
Distilled Water, ...	50 fl. oz.	—	48 fl. oz.
			S. G. 1·16

Product 68 fl. oz., S. G. 1·17, contains 34·34 per cent. of Hydrochloric Gas.

Acidum Hydrochloricum Dilutum.

Hydrochloric Acid, ...	3 fl. oz.	—	2½ fl. oz.
Distilled Water, ...	8 fl. oz.	—	7½ fl. oz.
	S. G. 1·05.		S. G. 1·043.

Acidum Hydrocyanicum Dilutum.

Ferrocyanide of Potassium, ...	2¼ oz.	—	2 oz.
Sulphuric Acid, ...	7 fl. dr.	—	7 fl. dr.
Distilled Water, ...	30 fl. oz.	—	30 fl. oz.

Product 20 oz., S. G. 0·997, contains 2 per cent. of real acid.

Acidum Nitricum.

Nitrate of Potash, ...	32 oz.	—	32 oz.
Sulphuric Acid, ...	17 fl. oz.	—	32 fl. oz.
	S. G. 1·5.		S. G. 1·42.

Acidum Nitricum Dilutum.

Nitric Acid, ...	2 fl. oz.	—	2 fl. oz.
Distilled Water, ...	13 fl. oz.	—	11⅔ fl. oz.
	S. G. 1·101.		S. G. 1·082.

*Acidum Nitro-Hydrochloricum Dilutum.

	P. B.	P. L.
Nitric Acid, ...	2 fl. oz.	
Hydrochloric Acid, ...	4 fl. oz.	
Distilled Water, ...	26 fl. oz.	
	S. G. 1·074.	

Acidum Phosphoricum Dilutum.

Phosphorus, ...	413 gr.	— 360 gr.
Nitric Acid, ...	4 fl. oz.	— 4 fl. oz.
Distilled Water, ...	20 fl. oz.	— 20 fl. oz.
	S. G. 1·08.	S. G. 1·064.

Product, 20 fl. oz.

*Acidum Sulphuricum.

Sulphuric Acid of Commerce, ...	12 fl. oz.	No formula.
Sulphate of Ammonia, in powder,	¼ oz.	
Distil, rejecting the first tenth, ...	S. G. 1·846.	S. G. 1·843.

*Acidum Sulphuricum Aromaticum.

Sulphuric Acid, ...	3 fl. oz.
Rectified Spirit, ...	40 fl. oz.
Cinnamon, in coarse powder, ...	2 oz.
Ginger, in coarse powder, ...	1¼ oz.

Product, 40 fl. oz., S. G. 0·935.

Acidum Sulphuricum Dilutum.

Sulphuric Acid, ...	3 fl. oz.	— 15 fl. dr.
Distilled Water, ...	35 fl. oz.	ad. 20 fl. oz.
	S. G. 1·087.	S. G. 1·103.

*Acidum Sulphurosum.

Sulphuric Acid, ...	4 fl. oz.
Wood Charcoal, fresh, dry, and in coarse powder, ...	1 oz.
Water, ...	2 fl. oz.
Distilled Water, ...	20 fl. oz.

Product, 20 fl. oz., S. G. 1·04.

***Acidum Tannicum.**

	P. B.	P. L.
Galls, in coarse powder, ...	8 oz.	
Ether, ...	60 fl. oz.	No formula.
Distilled Water, ...	5 fl. oz.	

Acidum Tartaricum.

Acid Tartrate of Potash,... ...	45 oz.	No formula.
Distilled Water, ...	q. s.	
Prepared Chalk, ...	12½ oz.	
Chloride of Calcium, ...	13½ oz.	
Sulphuric Acid, ...	13 fl. oz.	dilute 7 $\frac{17}{20}$ pts.

***Aconitia.** (Aconitina P. L.)

Aconite Root, in coarse powder,...	14 lbs.
Rectified Spirit, ...	q. s.
Distilled Water, ...	q. s.
Solution of Ammonia, ...	q. s.
Pure Ether, ...	q. s.
Dilute Sulphuric Acid, ...	q. s.

Adeps Præparatus.

Hog's Fat, purified by the removal of the membranes, liquifying in a water bath, and straining through linen.

Æther. (Æther Sulphuricus P. L.)

Rectified Spirit, ...	50 fl. oz. — 36 fl. oz.
Sulphuric Acid, ...	10 fl. oz. — 24 fl. oz.
Chloride of Calcium, ...	10 oz. Pot. Carb. 1 oz.
Slaked Lime, ...	½ oz.
Distilled Water, ...	13 fl. oz.
	S. G. 0·735.

Alumen Exsiccatum.

Alum deprived of its water of crystallization by heat.

*Ammoniæ Benzoas.	P. B.	P. L.
Solution of Ammonia, ...	3 fl. oz.	
Benzoic Acid, ...	2 oz.	
Distilled Water, ...	8 fl. oz.	

*Ammoniæ Phosphas.

Strong solution of Ammonia, ...	8 fl. oz.
Dilute Phosphoric Acid,... ...	20 fl. oz.

* Antimonii Oxidum.

Solution of Terchloride of Antimony,	16 fl. oz.
Carbonate of Soda, ...	5 oz.
Water, ...	2 gal.
Distilled Water, ...	q. s.

Antimonium Sulphuratum. (Antim. Oxysulphuretum P. L.)

Prepared Sulphuret of Antimony,	10 oz.	—	7 oz.
Solution of Soda, ...	4½ pt.	—	4 pt.
Dilute Sulphuric Acid, ...	q. s.	—	q. s.
Distilled Water, ...	q. s.	—	2 gal.

Antimonium Tartaratum. (Antim. Potas. Tart. P. L.)

Oxide of Antimony, ...	5 oz.	Ant. Tersulph	12 oz.
Acid Tartrate of Potash, ...	6 oz.	—	10 oz.
Distilled Water, ...	2 pt.	—	5 pt.
	Acid Sulph		15 fl. oz.

Aqua Anethi.

Dill, bruised, ...	20 oz.	—	18 oz.
Water, ...	2 gal.	—	2 gal.

Distil 1 gallon.

Aqua Camphoræ, (Mist Camphoræ P. L.)

Camphor, broken in pieces, ...	½ oz.	Pulv	½ oz.
Distilled Water, ...	1 gal.	—	1 gal.

Aqua Carui.

	P. B.		P. L.
Caraway, bruised, ...	20 oz.	—	18 oz.
Water, ...	2 gal.	—	2 gal.

Distil 1 Gallon.

Aqua Cinnamomi.

Cinnamon, bruised, ...	20 oz.	—	18 oz.
Water, ...	2 gal.	—	2 gal.

Distil 1 gallon.

Aqua Destillata.

Water purified by distillation, rejecting the first and last portions.

***Aqua Fœniculi.**

Sweet Fennel Fruit, bruised, ...	20 oz.
Water, ...	2 gal.

Distil 1 gallon.

***Aqua Lauro-cerasi.**

Fresh Laurel Leaves, chopped and bruised, ...	16 oz.
Water, ...	2½ pts.

Macerate 24 hours and distil 20 fl. oz.

Aqua Menthæ Piperitæ.

English Oil of Peppermint, ...	1½ fl. dr.	—	2 fl. dr.
Water, ...	1½ gal.	—	1 gal.

Distil 1 gallon.

Aqua Menthæ Viridis.

English Oil of Spearmint, ...	1½ fl. dr.	—	2 fl. dr.
Water, ...	1½ gal.	—	1 gal.

Distil 1 gallon.

Aqua Pimentæ.

Pimento, bruised, ...	14 oz.	—	12 oz.
Water, ...	2 gal.	—	2 gal.

Distil 1 gallon.

Aqua Rosæ.

	P. B.	P. L.
Fresh Petals of the 100-leaved Rose, ...	160 oz.	—120 oz.
Water, ...	2 gal.	— 2 gal.

Distil 1 gallon.

Aqua Sambuci.

Fresh Elder Flowers, ...	160 oz.	—120 oz.
Water, ...	2 gal.	— 2 gal.

Distil 1 gallon.

Argenti Nitras.

Refined Silver, ...	3 oz.	No formula.
Nitric Acid, ...	1¾ fl. oz.	
Distilled Water, ...	5 fl. oz.	

*Argenti Oxidum.

Nitrate of Silver, in crystals, ...	½ oz.
Solution of Lime, ...	3½ pt.
Distilled Water, ...	10 fl. oz.

*Atropia.

Belladonna Root, recently dried, and in coarse powder ...	32 oz.
Rectified Spirit, ...	10 pt.
Slaked Lime, ...	1 oz.
Water, ...	½ fl. oz.
Dilute Sulphuric Acid, ...	q. s.
Carbonate of Potash, ...	q. s.
Chloroform, ...	3 fl. oz.
Purified Animal Charcoal, ...	q. s.
Distilled Water, ...	10 fl. oz.

***Beberiæ Sulphas.**

	P. B.	P. L.
Bebeeru Bark, in coarse powder,	16 oz.	
Sulphuric Acid, ...	½ fl. oz.	
Slaked Lime, ...	¾ oz. or q. s.	
Solution of Ammonia, ...	q. s.	
Rectified Spirit, ...	16 fl. oz. or q. s.	
Dilute Sulphuric Acid, ...	q. s.	
Water, ...	1 gal.	
Distilled Water, ...	q. s.	

Bismuthum Album. (Bismuthi Nitras P. L.)

Bismuth, in coarse powder, ...	2 oz.	— 2 oz.
Nitric Acid, ...	2½ fl. oz.	— 3 fl.
Distilled Water, ...	1 gal.	— 6 pts

***Calcis Carbonas Præcipitata.**

Chloride of Calcium, ...	5 oz.
Carbonate of Soda, ...	13 oz.
Boiling Distilled Water, ...	q. s.

***Calcis Hydras.**

Lime, recently burned, ...	32 oz.
Distilled Water, ...	20 fl. oz.

***Calcis Phosphas Præcipitata.**

Bone Ash,...	4 oz.
Hydrochloric Acid, ...	6 fl. oz.
Distilled Water, ...	2 pts.
Solution of Ammonia, ...	12 fl. oz. or q. s.

Calomelas, or Hydrarg. Subchlor. (Hydrarg Chlor. P. L.)

Sulphate of Mercury, ...	...10 oz. Acid Sulph	21½
Mercury, by weight, ...	... 7 oz.	— 6 oz.
Chloride of Sodium, dried,	... 5 oz.	— 18 dr.
Boiling Distilled Water, ...	... q. s.	

Carbo Animalis Purificatus.

	P. B.	P. L.
Bone Black, ...	16 oz.	
Hydrochloric Acid, ...	10 fl. oz.	
Water, ...	q. s.	

P. L. directs it to be made from bullock's blood.

Cataplasma Carbonis.

Wood Charcoal, ...	½ oz.	— 3 dr.
Bread, ...	2 oz.	— 2 oz.
Linseed Meal, ...	1½ oz.	— 10 dr.
Boiling Distilled Water, ...	10 fl. oz.	— 10 fl. oz.

Cataplasma Conii.

Hemlock Leaf, in powder, ...	1 oz.	Ext. 1 oz.
Linseed Meal, ...	3 oz.	— 4½ oz.
Water, ...	10 fl. oz.	— 10 fl. oz.

Cataplasma Fermenti.

Beer Yeast, ...	6 fl. oz.	— 5 fl. oz.
Flour, ...	14 oz.	— 12 oz.
Water, at 100°, ...	6 fl. oz.	— 5 fl. oz.

Cataplasma Lini.

Linseed Meal, ...	4 oz.	— 4½ oz.
Olive Oil, ...	½ fl. oz.	
Boiling Water, ...	10 fl. oz.	— 10 fl. oz.

Cataplasma Sinapis.

Mustard, ...	2½ oz.	— 2½ oz.
Linseed Meal, ...	2½ oz.	— 2½ oz.
Boiling Water, ...	10 fl. oz.	— 10 fl. oz.

Cataplasma Sodæ Chloratæ. (Cat. Sodæ Chlorinatæ P. L.)

Solution of Chlorinated Soda, ...	2 fl. oz.	— 2 fl. oz.
Linseed Meal, ...	4 oz.	— 4½ oz.
Boiling Water, ...	8 fl. oz.	— 6 fl. oz.

Chloroformum. (Chloroformyl P. L.)

	P. B.	P. L.
Chlorinated Lime, ...	10 lbs.	— 9 lbs.
Rectified Spirit, ...	30 fl. oz.	— 30 fl. oz.
Slaked Lime, ...	q. s.	
Water, ...	3 gal.	— 3¾ gal.
Sulphuric Acid, ...	q. s.	
Chloride of Calcium, in fragments,	2 oz.	— 3 dr.
Distilled Water, ...	9 fl. oz.	

***Collodium.** (Formerly Collodion.)

Pyroxylin, ...	1 oz.
Ether, ...	36 fl. oz.
Rectified Spirit, ...	12 fl. oz.

Confectio Piperis.

Black Pepper, in fine powder, ...	2 oz.	— 3 oz.
Clarified Honey, ...	15 oz.	— 6 oz.
Caraway, in fine powder, ...	3 oz.	Sacch. 6 oz.
		Fœnic 9 oz.
		Enulæ 3 oz.

Confectio Rosæ Caninæ.

Hips, deprived of their Seeds, ...	16 oz.	— 12 oz.
Refined Sugar, ...	32 oz.	— 20 oz.

Confectio Rosæ Gallicæ.

Fresh Red Rose Petals, ...	16 oz.	— 16 oz.
Refined Sugar, ...	48 oz.	— 48 oz.

Confectio Scammonii.

Scammony, or Resin of Scammony,	3 oz.	— 3 oz.
Ginger, in fine powder, ...	1½ oz.	— 1½ oz.
Oil of Caraway, ...	60 m.	— 60 m.
Oil of Cloves, ...	30 m.	Cloves 1½ oz.
Syrup, ...	3 fl. oz.	S. Ros. q. s.
Clarified Honey, ...	1½ oz.	

nfectio Sennæ.

	P. B.	P. L.
Senna, in fine powder, ...	7 oz.	— 8 oz.
Coriander, in fine powder, ...	3 oz.	— 4 oz.
Figs, ...	12 oz.	— 12 oz.
Tamarinds, ...	9 oz.	— 6 oz.
Cassia Pulp, ...	9 oz.	— 6 oz.
Prunes, ...	6 oz.	— 6 oz.
Extract of Liquorice, ...	¾ oz.	Pulv. 3 oz.
Refined Sugar, ...	30 oz.	— 30 oz.
Distilled Water, ...	24 fl. oz.	— 60 fl. oz.

onfectio Sulphuris.

Sublimed Sulphur, ...	4 oz.
Acid Tartrate of Potash, ...	1 oz.
Syrup of Orange Peel, ...	4 fl. oz.

onfectio Terebinthinæ.

Oil of Turpentine, ...	1 fl. oz.
Liquorice Powder, ...	1 oz.
Clarified Honey, ...	2 oz.

reta Præparata.

Chalk purified by washing with water.

upri Sulphas.

Commercial Sulphate of Copper re-crystallized.

ecoctum Aloes Compositum.

Extract of Socotrine Aloes, ...	90 gr.	— 90 gr.
Myrrh, bruised, ...	60 gr.	— 90 gr.
Saffron, chopped fine, ...	60 gr.	— 90 gr.
Carbonate of Potash, ...	40 gr.	— 60 gr.
Extract of Liquorice, ...	½ oz.	— 7 dr.
Compound Tincture of Cardamoms,	4 fl. oz.	— 7 fl. oz.
Distilled Water, ...	q. s.	— 20 fl. oz.
Boil 10 minutes, product,	16 fl. oz.	— 27 fl. oz.

Decoctum Cetrariæ.

	P. B.	P. L.
Iceland Moss, ...	1 oz.	— 5 dr.
Distilled Water, ...	1½ pt.	— 1½ pt.

Boil 10 minutes in a covered vessel, and strain while hot, product, 20 fl. oz.

Decoctum Cinchonæ Flavæ.

Yellow Cinchona Bark, in coarse powder, ...	1 oz.	— 10 dr.
Distilled Water, ...	1 pt.	— 1 pt.

Boil 10 minutes in a covered vessel, and strain when cold, product, 16 fl. oz.

Decoctum Granati Radicis.

Pomegranate Root, fresh or dry, sliced, ...	2 oz.	Bark 2 oz.
Distilled Water, ...	2 pt.	— 2 pt.

Boil to a pint, and strain.

Decoctum Hæmatoxyli.

Cinnamon, in powder, ...	60 gr.	
Logwood, in chips, ...	1 oz.	— 2 dr.
Distilled Water, ...	1 pt.	— 1½ pt.
Boil 10 minutes, add cinnamon towards the end, product,	16 fl. oz.	— 20 fl. oz.

Decoctum Hordei.

Pearl Barley, ...	2 oz.	— 10 dr.
Distilled Water, ...	1½ pts.	— 2¼ pts.

Wash in cold water, boil 20 minutes, product 1 pt.

Decoctum Papaveris.

Poppy Capsules, freed from seeds,	4 oz.	— 4 oz.
Distilled Water, ...	3 pts.	— 4 pts.

Boil 10 minutes, product, 32 fl. oz. Boil 15 minutes.

Decoctum Pareiræ.

	P. B.	P. L.
Pareira, sliced, ...	1½ oz.	— 10 dr.
Distilled Water, ...	1½ pt.	— 1½ pt.

Boil 15 minutes, product, 1 pt.

Decoctum Quercus.

Oak Bark, bruised, ...	1½ oz.	— 10 dr.
Distilled Water, ...	1½ pt.	— 2 pt.

Boil 10 minutes in a covered vessel, product, 1 pt.

Decoctum Sarsæ.

Jamaica Sarsaparilla, *not split*, ...	2½ oz.	sliced 2½ oz.
Boiling Distilled Water, ...	1½ pt.	— 2 pt.

Digest 1 hour, boil 10 minutes in a covered vessel, product 1 pt.

Decoctum Sarsæ Compositum.

Jamaica Sarsaparilla, *not split*, ...	2½ oz.	— 2½ oz.
Sassafras, in chips, ...	¼ oz.	— 2½ dr.
Guaiac Wood Turnings, ...	¼ oz.	— 2½ dr.
Fresh Liquorice Root, bruised, ...	¼ oz.	— 2½ dr.
Mezereon, ...	60 gr.	— 45 gr.
Boiling Distilled Water, ...	1½ pt.	— 1 pt.

Digest 1 hour, boil 10 minutes in a covered vessel, product, 1 pt.

Decoctum Scoparii. (Dec. Scoparii Co. P. L.)

Broom Tops, dried, ...	½ oz.	— 2 dr.
Distilled Water, ...	10 fl. oz.	— 10 fl. oz.
		Juniper 2 dr.
		Dandelion 2 dr.

Boil 10 minutes in a covered vessel, product, 8 fl. oz.

Decoctum Taraxaci.

Dried Dandelion Root, sliced and bruised, ...	1 oz.	fresh 4 oz.
Distilled Water, ...	1½ pt.	— 1½ pt.

Boil 10 minutes, product, 20 fl. oz. — 20 fl. oz.

***Digitalinum.** (Formerly Digitalin.)

	P. B.	P. L.
Digitalis, in powder, ...	40 oz.	
Rectified Spirit, ...	16¼ pt.	
Distilled Water, ...	1 pt.	
Acetic Acid, ...	½ fl. oz.	
Purified Animal Charcoal, ...	½ oz.	
Solution of Ammonia, ...	q. s.	
Tannic Acid, ...	160 gr.	
Litharge, in fine powder,... ...	¼ oz.	
Pure Ether, ...	q. s.	

Elaterium. (Extractum Elaterii P. L.)

The dried sediment of the juice of the fruit of squirting Cucumber, very nearly ripe.

Emplastrum Ammoniaci c Hydrargyro.

Ammoniac, ...	12 oz.	—	12 oz.
Mercury, ...	3 oz.	—	3 oz.
Olive Oil, ...	1 fl. dr.	—	1 fl. dr.
Sulphur, ...	8 gr.	—	8 gr.

Emplastrum Belladonnæ.

Extract of Belladonna, ...	3 oz.	—	3 oz.
Soap Plaster, ...	1½ oz.	—	3 oz.
Resin Plaster, ...	1½ oz.		

Emplastrum Calefaciens.

Cantharides, in coarse powder, ...	4 oz.
Boiling Water, ...	20 fl. oz.
Expressed Oil of Nutmeg, ...	4 oz.
Yellow Wax, ...	4 oz.
Resin, ...	4 oz.
Soap Plaster, ...	52 oz.
Resin Plaster, ...	32 oz.

Emplastrum Cantharidis.

	P. B.		P. L.
Cantharides, in fine powder, ...	12 oz.	—	12 oz.
Yellow Wax, ...	7½ oz.	—	7½ oz.
Prepared Suet, ...	7½ oz.	—	7½ oz.
Resin, ...	3 oz.	—	3 oz.
Lard, ...	6 oz.	—	6 oz.

Emplastrum Ferri.

Peroxide of Iron, in fine powder,...	1 oz.	—	1 oz.
Burgundy Pitch, ...	2 oz.	G. Thus.	2 oz.
Litharge Plaster, ...	8 oz.	—	8 oz.

Emplastrum Galbani.

Galbanum, ...	1 oz.	—	2 oz.
Ammoniac, ...	1 oz.	A. Turp.	2 dr.
Yellow Wax, ...	1 oz.	G. Thus.	6 dr.
Litharge Plaster, ...	8 oz.	—	9 oz.

Emplastrum Hydrargyri.

Mercury, ...	3 oz.	—	3 oz.
Olive Oil, ...	1 fl. oz.	—	1 fl. dr.
Resin, ...	1 oz.	Sulph.	8 gr.
Litharge Plaster, ...	6 oz.	—	12 oz.

Emplastrum Lithargyri. (Emp. Plumbi. P. L.)

Litharge, in very fine powder, ...	64 oz.	—	72 oz.
Olive Oil, ...	1 gal.	—	1 gal.
Water, ...	3½ pt.	—	2 pt.

Emplastrum Opii.

Opium, in very fine powder, ...	1 oz.	Ext.	1 oz.
Resin Plaster, ...	9 oz.	Thus-	2 oz.
		Aqua Bul.	1 oz.
		Emp. Plumb.	8 oz.

Emplastrum Picis.

	P. B.	P. L.
Burgundy Pitch, ...	26 oz.	— 24 oz.
Frankincense, ...	13 oz.	— 12 oz.
Resin, ...	4½ oz.	— 4 oz.
Yellow Wax, ...	4½ oz.	— 4 oz.
Expressed Oil of Nutmeg, ...	1 oz.	— 1 oz.
Olive Oil, ...	2 fl. oz.	— 2 fl. oz.
Water, ...	2 fl. oz.	— 2 fl. oz.

Emplastrum Resinæ.

Resin, in powder,...	4 oz.	— 4 oz.
Litharge Plaster,...	32 oz.	— 18 oz.
Hard Soap, in powder, ...	2 oz.	

Emplastrum Saponis.

Hard Soap, in powder, ...	6 oz.	Sliced 6 oz.
Litharge Plaster, ...	36 oz.	— 36 oz.
Resin, in powder,...	1 oz.	— 1 oz.

Enema Aloes.

Aloes, ...	40 gr.	— 40 gr.
Carbonate of Potash, ...	15 gr.	— 15 gr.
Mucilage of Starch, ...	10 fl. oz.	D. Hord. 10 fl. oz.

Enema Assafœtidæ.

Tincture of Assafœtida, ...	6 fl. dr.	G. Assaf 1 dr.
Mucilage of Starch, ...	6 fl. oz.	D. Hord. 10 fl. oz.

***Enema Magnesiæ Sulphatis.**

Sulphate of Magnesia, ...	1 oz.
Olive Oil, ...	1 fl. oz.
Mucilage of Starch, ...	15 fl. oz.

Enema Opii.

Tincture of Opium, ...	30 m.	— 15 m.
Mucilage of Starch, ...	2 fl. oz.	— 2 fl. oz.

*Extractum Filicis Liquidum.	P. B.	P. L.
Fern root, in coarse powder, ...	32 oz.	
Ether, ...	4 pt. or q. s.	

Exhaust by percolation, and evaporate to an oily extract.

Extractum Gentianæ.		
Gentian, sliced, ...	16 oz.	— 18 oz.
Boiling Distilled Water, ...	1 gal.	— 3 gal.

Extractum Glycyrrhizæ.		
Liquorice Root, in coarse powder,	16 oz.	— 15 oz.
Distilled Water, ...	q. s.	— 1 gal.

Extractum Hæmatoxyli.		
Logwood, in fine chips, ...	16 oz.	— 15 oz.
Boiling Distilled Water, ...	1 gal.	— 1 gal.

Extractum Hyoscyami.

The expressed juice, of the fresh leaves and young branches of Hyoscyamus, evaporated to an extract.

Extractum Jalapæ.		
Jalap, in coarse powder, ...	16 oz.	— 15 oz.
Rectified Spirit, ...	4 pt.	— 4 pt.
Distilled Water, ...	1 gal.	— 1 gal.

*Extractum Krameriæ.	
Rhatany, in coarse powder, ...	16 oz.
Distilled Water, ...	1 gal.

Extractum Lupuli.		
Hop, ...	16 oz.	— 15 oz.
Rectified Spirit, ...	1½ pt.	— —
Distilled Water, ...	1 gal.	— 1 gal.

Extractum Nucis Vomicæ.		
Nux Vomica, ...	16 oz.	— 16 oz.
Rectified Spirit, ...	q. s.	— 6 pt.

Extractum Opii.

	P. B.	P. L.
Opium, in thin slices, ...	16 oz.	— 18 oz.
Distilled Water, ...	6 pt.	— 5 pt.

***Extractum Opii Liquidum.**

Extract of Opium, ...	1 oz.
Distilled Water, ...	17 fl. oz.
Rectified Spirit, ...	3 fl. oz.

Product, 20 fl. oz.

***Extractum Pareiræ Liquidum.**

Pareira, in coarse powder, ...	16 oz.
Boiling Distilled Water, ...	1 gal.
Rectified Spirit, ...	3 fl. oz.

Product, 16 fl. oz.

***Extractum Quassiæ.**

Quassia, in medium fine powder,	16 oz.
Distilled Water, ...	q. s.

Extractum Rhei.

Rhubarb, sliced or bruised, ...	16 oz.	— 15 oz.
Rectified Spirit, ...	10 fl. oz.	proof 20 fl. oz.
Distilled Water, ...	5 pt.	— 7 pt.

Extractum Sarzæ Liquidum.

Jamaica Sarsaparilla, *not split*, ...	16 oz.	— 20 oz.
Distilled Water at 160°, ...	14 pt.	— 20 pt.
Rectified Spirit, ...	1 fl. oz.	— 1 fl. oz.

Product, 8 fl. oz. S. G. 1·095.

Extractum Stramonii.

Stramonium Seeds, in coarse powder,	16 oz.	— 15 oz.
Proof Spirit, ...	q. s.	— 1 gal.

Extractum Taraxaci.

The expressed juice of fresh Dandelion Root, evaporated at 160° to an extract, after the feculence has *deposited.*

Enema Tabaci.

	P. B.	P. L.
Leaf Tobacco, ...	20 gr. —	20 gr.
Boiling Water, ...	8 fl. oz. —	10 fl. oz.

Enema Terebinthinæ.

Oil of Turpentine, ...	1 fl. oz. —	1 fl. oz.
Mucilage of Starch, ...	15 fl. oz.	D. Hord. 19 fl. oz.
		Yolk of 1 Egg.

Extractum Aconiti.

The expressed juice, of the fresh leaves and flowering tops of Aconite, evaporated to an extract.

Extractum Aloes Barbadensis.

Barbadoes Aloes purified by solution in water, straining, and subsequent evaporation.

***Extractum Aloes Socotrinæ.** (Ext. Aloes, P. L.)

Socotrine Aloes purified as above.

***Extractum Anthemidis.**

Chamomile Flowers, ...	16 oz.
Oil of Chamomile, ...	15 m.
Distilled Water, ...	q. s.

***Extractum Belæ Liquidum.**

Bael, ...	16 oz.
Distilled Water, ...	12 pt.
Rectified Spirit, ...	2 fl. oz.

Product, 16 fl. oz.

Extractum Belladonnæ.

The expressed juice, of the fresh leaves and young branches of Belladonna, evaporated to an extract.

***Extractum Calumbæ.**

Calumbo, in coarse powder, ...	16 oz.
Proof Spirit, ...	4 pt.

***Extractum Cannabis Indicæ.**

	P. B.	P. L.
Indian Hemp, in coarse powder,...	16 oz.	
Rectified Spirit, ...	4 pt.	

Extractum Cinchonæ Flavæ Liquidum. (Inf. Cinch. Spis. P.L.)

Yellow Cinchona Bark, in coarse powder, ...	16 oz.	— 16 oz.
Rectified Spirit, ...	1 fl. oz.	— q. s.
Distilled Water, ...	q. s.	— q. s.

Product, 4 fl. oz. S. G. 1·100.

Extractum Colchici.

The juice of the Fresh Colchicum Corms, evaporated to an extract, after the feculence has deposited.

Extractum Colchici Aceticum.

Fresh Colchicum Corms, ...	7 lb.	— 24 oz.
Acetic Acid, ...	6 fl. oz.	— 6 fl. oz.

Proceed as above.

***Extractum Colocynthidis Compositum.**

Colocynth, freed from the Seeds,	6 oz.
Extract of Socotrine Aloes, ...	12 oz.
Scammony, or Resin of Scammony,	4 oz.
Hard Soap, in powder, ...	3 oz.
Cardamoms, freed from the capsules,	1 oz.
Proof Spirit, ...	1 gal.

Extractum Conii.

The expressed juice, of the fresh leaves and young branches of Hemlock, evaporated to an extract.

***Extractum Ergotæ Liquidum.**

Ergot, in coarse powder, ...	16 oz.
Ether, ...	20 fl. oz.
Rectified Spirit, ...	8 fl. oz.
Distilled Water, ...	3½ pt.

Product, 16 fl. oz.

*Ferrum Redactum.	P. B.	P. L.
Peroxide of Iron,...	1 oz.	
Zinc, granulated, ...	q. s.	
Sulphuric Acid of Commerce, ...	q. s.	
Chloride of Calcium, ...	q. s.	

Ferrum Tartaratum. (Ferri Pot. Tart., P. L.)

Solution of Persulphate of Iron,...	4 fl. oz.	Fer. Sulph. 4 oz.
Solution of Soda, ...	2 pt.	Sol. Am. 10 fl. oz.
Acid Tartrate of Potash,... ...	2 oz.	— 2 oz.
Distilled Water, ...	q. s.	— 4 gal.
	Acid Sulph.,	½ fl. oz.
	Acid Nitric,	1 fl. oz.

***Hydrargyri Iodidum Rubrum.** (Hyd. Biniod, P. E.)

Corrosive Sublimate, ...	4 oz.
Iodide of Potassium, ...	5 oz.
Boiling Distilled Water,... ...	4 pt.

Hydrargyri Iodidum Viride. (Hyd. Iodid, P. L.)

Mercury, by weight, ...	1 oz.	— 1 oz.
Iodine, ...	278 gr.	— 300 gr.
Rectified Spirit, ...	q. s.	— q. s.

Hydrargyri Oxidum Rubrum. (Hyd. Nitrico—oxid, P. L.)

Mercury, by weight, ...	8 oz.	— 9 oz.
Nitric Acid, ...	3 fl. oz.	— 4½ fl. oz.
Water, ...	2 fl. oz.	— 10 fl. oz.

***Hydrargyrum.**

Mercury of Commerce, ...	48 oz.
Hydrochloric Acid, ...	3 fl. dr.
Distilled Water, ...	q. s.

Hydrargyrum Ammoniatum. (Hydrarg. Ammon. Chlor. P. L.)

Corrosive Sublimate, ...	3 oz.	— 3 oz.
Solution of Ammonia, ...	4 oz.	— 4 oz.
Distilled Water, ...	3 pt.	— 3 pt.

Hydrargyrum Corrosivum Sublimatum or Hydrarg. Chlor.

(Hyd. Bichlor., P. L.)	P. B.	P. L.
Sulphate of Mercury, ...	20 oz.	Mercury 24 oz.
Chloride of Sodium, dried, ...	10 oz.	— 18 oz.
Black Oxide of Manganese, ...	1 oz.	Ac. Sul. 21½ fl. oz.

Hydrargyrum cum Creta.

Mercury, by weight, ...	1 oz.	— 3 oz.
Prepared Chalk, ...	2 oz.	— 5 oz.

Infusum Anthemidis.

Chamomile Flowers, ...	½ oz.	— 2½ dr.
Boiling Distilled Water,... ...	10 fl. oz.	— 10 fl. oz.

Infuse 15 minutes, in a covered vessel, and strain.

Infusum Aurantii. (Inf. Aur. Co. P. L.)

Bitter Orange Peel, cut small, ...	½ oz.	— 2 dr.
Boiling Distilled Water,... ...	10 fl. oz.	— 10 fl. oz.
		Cloves ½ dr.
		C. Lim. 1 dr.

Infuse 15 minutes, in a covered vessel, and strain.

Infusum Bucco. (Infus. Buchu P. L.)

Buchu, bruised, ...	½ oz.	— ½ oz.
Boiling Distilled Water,... ...	10 fl. oz.	— 10 fl. oz.

Infuse in a covered vessel, 1 hour, and strain.—4 hours.

Infusum Calumbæ.

Calumbo, ...	½ oz.	— 2½ dr.
Cold Distilled Water, ...	10 fl. oz.	Boiling 10 fl. oz.

Macerate 1 hour, and strain.—2 hours.

Infusum Caryophylli.

Cloves, bruised, ...	¼ oz.	— 1¼ dr.
Boiling Distilled Water,... ...	10 fl. oz.	— 10 fl. oz.

Infuse in a covered vessel, ½ hour, and strain.—2 hours.

Infusum Cascarillæ.

Cascarilla,...	1 oz.	— 6 dr.
Boiling Distilled Water,... ...	10 fl. oz.	— 10 fl. oz.

Infuse in a covered vessel, 1 hour, and strain.—2 hours.

Fel. Bovinum Purificatum.

	P. B.	P. L.
Fresh Ox Bile, ...	20 fl. oz.	
Rectified Spirit, ...	40 fl. oz.	

Mix and set aside for 12 hours, decant and evaporate to an extract.

***Ferri Arsenias.**

Sulphate of Iron, ...	9 oz.
Arseniate of Soda, dried at 300°,	4 oz.
Acetate of Soda, ...	3 oz.
Boiling Distilled Water, ...	q. s.

***Ferri Carbonas Saccharata.**

Sulphate of Iron, ...	2 oz.	— 2 oz.
Carbonate of Soda, ...	2½ oz.	— 2⅛ oz.
Boiling Distilled Water, ...	2 gal.	— 2 pt.
Refined Sugar, ...	1 oz.	— 1 oz.

***Ferri et Ammoniæ Citras.**

Solution of Persulphate of Iron, ...	8 fl. oz.	Fer Sulph 12 oz.
Solution of Ammonia, ...	14 fl. oz.	— 9 fl. oz.
Citric Acid, in crystals, ...	5 oz.	— 6 oz.
Distilled Water, ...	½ gal.	Boiling 1½ gal. Soda Carb. 12½ oz.

***Ferri et Quiniæ Citras.**

Solution of Persulphate of Iron, ...	3 fl. oz.
Sulphate of Iron, ...	1 oz.
Distilled Water, ...	q. s.
Solution of Soda, ...	36 fl. oz.
Citric Acid, in crystals, ...	2¼ oz.
Sulphate of Quinia, ...	380 gr.
Dilute Hydrochloric Acid, ...	q. s.
Solution of Chloride of Barium, ...	q. s.
Solution of Ammonia, ...	q. s.

***Ferri Iodidum.**

Fine Iron Wire, ...	1½ oz.
Iodine, ...	3 oz.
Distilled Water, ...	15 fl. oz.

***Ferri Oxidum Magneticum.**

	P. B.	P. L.
Sulphate of Iron, ...	6 oz.	
Sulphuric Acid, ...	3 fl. dr.	
Nitric Acid, ...	2 fl. dr.	
Solution of Soda, ...	58 fl. oz.	
Distilled Water, ...	q. s.	

Ferri Peroxidum. (Ferri Sesquioxydum P. L.)

Hydrated Peroxide of Iron dried and heated until it ceases to lose weight.

***Ferri Peroxidum Hydratum.**

Solution of Persulphate of Iron,...	4 fl. oz.
Solution of Soda, ...	33 fl. oz.
Distilled Water, ...	20 fl. oz.

***Ferri Phosphas.**

Sulphate of Iron, ...	3 oz.
Phosphate of Soda, ...	2½ oz.
Acetate of Soda, ...	1 oz.
Boiling Distilled Water, ...	4 pt.

Ferri Sulphas.

Iron Wire, ...	4 oz. —	1 oz.
Sulphuric Acid, ...	4 fl. oz. —	1 fl. oz.
Distilled Water, ...	1½ pt. —	4 pt.
	Fer Sulph.	48 oz.

***Ferri Sulphas Granulata.**

Iron Wire, ...	4 oz.
Sulphuric Acid, ...	4 fl. oz.
Distilled Water, ...	1½ pt.
Rectified Spirit, ...	8 fl. oz.

***Ferri Sulphas Exsiccata.**

Sulphate of Iron dried at a moderate heat, and finally *raised to* 400° until vapour ceases to be given off.

Infusum Rhei.

	P. B.	P. L.
Rhubarb, in thin slices, ...	¼ oz.	— 1½ dr.
Boiling Distilled Water,... ...	10 fl. oz.	— 10 fl. oz.

Infuse in a covered vessel, for 1 hour, and strain.—2 hours.

Infusum Rosæ Acidum. (Inf. Rosæ, P. L.)

Red Rose Petals,...	¼ oz.	— 1½ oz.
Dilute Sulphuric Acid, ...	60 m.	— 45 m.
Boiling Distilled Water,... ...	10 fl. oz.	— 10 fl. oz.
	Sacch.	3 dr.

Infuse ½ hour, and strain.—2 hours.

***Infusum Senegæ.** (Decoct. Senegæ, P. L.)

Senega Root, bruised, ...	½ oz.
Boiling Distilled Water,... ...	10 fl. oz.

Infuse in a covered vessel, for 1 hour, and strain.

Infusum Sennæ. (Inf. Sennæ Co., P. L.)

Senna, ...	½ oz.	— 7½ dr.
Ginger, sliced, ...	30 gr.	— 40 gr.
Boiling Distilled Water,... ...	10 fl. oz.	— 10 fl. oz.

Infuse in a covered vessel, for 1 hour, and strain.—4 hours.

Infusum Serpentariæ.

Serpentary, ...	¼ oz.	— 2 dr.
Boiling Distilled Water,... ...	10 fl. oz	— 10 fl. oz.

Infuse in covered vessel, for 2 hours, and strain.—4 hours.

***Infusum Uvæ Ursi.** (Dec. Uvæ Ursi, P. L.)

Bearberry Leaves, ...	½ oz.	— ½ oz.
Boiling Distilled Water,... ...	10 fl. oz.	— 10 fl. oz.

Infuse in a covered vessel, for 2 hours, and strain.

Infusum Valerianæ.

Valerian, bruised, ...	120 gr.	—120 gr.
Boiling Distilled Water, ...	10 fl. oz.	— 10 fl. oz.

Infuse in a covered vessel, for 1 hour, and strain.—½ hour.

Iodum. (Iodinium P. L.) P. B. P. L.

Iodine of Commerce purified by sublimation.

***Jalapæ Resina.**

Jalap, in coarse powder, ...	8 oz.
Rectified Spirit, ...	q. s.
Distilled Water, ...	q. s.

***Linimentum Aconiti.**

Aconite Root, in powder, ...	20 oz.
Camphor, ...	1 oz.
Rectified Spirit, ...	30 fl. oz.

Product, 20 fl. oz.

Moisten the Root with Spirit for 7 days, then percolate.

Linimentum Ammoniæ.

Solution of Ammonia, ...	1 fl. oz. —	1 fl. oz.
Olive Oil, ...	3 fl. oz. —	2 fl. oz.

***Linimentum Belladonnæ.**

Belladonna Root, in powder, ...	20 oz.
Camphor, ...	1 oz.
Rectified Spirit, ...	30 fl. oz.

Product, 20 fl. oz.

Moisten the Root with Spirit for 7 days, then percolate.

Linimentum Calcis.

Solution of Lime,...	2 fl. oz. —	2 fl. oz.
Olive Oil, ...	2 fl. oz. —	2 fl. oz.

Linimentum Camphoræ.

Camphor, ...	1 oz. —	1 oz.
Olive Oil, ...	4 fl. oz. —	4 fl. oz.

Linimentum Camphoræ Compositum.

Camphor, ...	2½ oz. —	2½ oz.
Oil of Lavender, English, ...	1 fl. dr. —	1 fl. dr.
Strong Solution of Ammonia ...	5 fl. oz. —	3 fl. oz.
Rectified Spirit, ...	15 fl. oz. —	17 fl. oz.

Infusum Catechu. (Inf. Catechu Co., P.L.)

	P. B.	P. L.
Catechu, in coarse powder, ...	160 gr.	— 180 gr.
Cinnamon, bruised, ...	30 gr.	— 30 gr.
Boiling Distilled Water,... ...	10 fl. oz.	— 10 fl. oz.

Infuse in a covered vessel, ½ hour, and strain.—1 hour.

***Infusum Chiratæ.**

Chiretta, bruised,...	¼ oz.
Distilled Water at 120°	10 fl. oz.

Infuse in covered vessel, ½ hour, and strain.

Infusum Cinchonæ Flavæ. (Inf. Cinchonæ, P. L.)

Yellow Cinchona Bark, in coarse powder, ...	½ oz.	— ½ oz.
Boiling Distilled Water,... ...	10 fl. oz.	— 10 fl. oz.

Infuse in a covered vessel, for 2 hours, and filter through paper.

Infusum Cuspariæ.

Cusparia, in coarse powder, ...	½ oz.	— 2½ dr.
Distilled Water, 120°	10 fl. oz.	— 10 fl. oz.

Infuse in a covered vessel, for 2 hours, and strain.

***Infusum Cusso.**

Kousso, in coarse powder, ...	¼ oz.
Boiling Distilled Water,... ...	4 fl. oz.

Infuse 15 minutes, in a covered vessel, without straining.

Infusum Digitalis.

Digitalis, ...	30 gr.	— 30 gr.
Boiling Distilled Water,... ...	10 fl. oz.	— 10 fl. oz.
		Sp. Cin. ½ oz.

Infuse in a covered vessel, for 1 hour, and strain.—4 hours.

***Infusum Dulcamaræ.**

Dulcamara, bruised, ...	1 oz.
Boiling Distilled Water,... ...	10 fl. oz.

Infuse in a covered vessel, for 1 hour, and strain.

***Infusum Ergotæ.**

	P. B.	P. L.
Ergot, in coarse powder,... ...	¼ oz.	
Boiling Distilled Water,... ...	10 fl. oz.	

Infuse in a covered vessel, for ½ hour, and strain.

Infusum Gentianæ Compositum.

Gentian Root, sliced, ...	¼ oz.	— 1 dr.
Bitter Orange Peel, bruised, ...	30 gr.	— 1 dr.
Coriander Seeds, ...	30 gr.	C. Lim. 2 dr.
Proof Spirit, ...	2 fl. oz.	—
Cold Distilled Water, ...	8 fl. oz.	— 10 fl. oz.

Pour the Spirit on the ingredients, in 2 hours add the water, and in 2 hours more strain through calico.

Infusum Krameriæ.

Rhatany, bruised,...	½ oz.	— ½ oz.
Boiling Distilled Water,... ...	10 fl. oz.	— 10 fl. oz.

Infuse in a covered vessel, for 1 hour, and strain.—4 hours.

Infusum Lini. (Inf. Lini Co., P. L.)

Linseed, ...	160 gr.	— 180 gr.
Fresh Liquorice Root, sliced, ...	60 gr.	— 60 gr.
Boiling Distilled Water,... ...	10 fl. oz.	— 10 fl. oz.

Infuse in a covered vessel, for 4 hours, and strain.

Infusum Lupuli.

Hops, ...	½ oz.	— 3 dr.
Boiling Distilled Water,... ...	10 fl. oz.	— 10 fl. oz.

Infuse in a covered vessel, for 2 hours, and strain.—4 hours.

Infusum Maticæ.

Matico, cut small, ...	½ oz.
Boiling Distilled Water,... ...	10 fl. oz.

Infuse in a covered vessel, for ½ hour, and strain.

Infusum Quassiæ.

Quassia, in chips,...	60 gr.	— 20 gr.
Cold Distilled Water, ...	10 fl. oz.	Boiling 10 fl. oz.

Infuse in a covered vessel, for ½ hour, and strain.—2 hours.

Liquor Calcis.

	P. B.		P. L.
Slaked Lime, ...	2 oz.	Caus. L.	4 oz.
Distilled Water, ...	1 gal.	—	1 gal.

Liquor Calcis Chloratæ. (Liq. Calcis Chlorinata P. L.)

Chlorinated Lime, ...	16 oz.	—	16 oz.
Distilled Water, ...	1 gal.	—	1 gal.

***Liquor Calcis Saccharatus.**

Slaked Lime, ...	1 oz.
Refined Sugar, in powder, ...	2 oz.
Distilled Water, ...	20 oz.

1 oz. contains $7\frac{1}{10}$ gr. of Lime.

Liquor Chlori. (Liquor Chlorinii P. L.)

Hydrochloric Acid, ...	6 fl. oz.	—	4 fl. oz.
Black Oxide of Manganese, ...	1 oz.	—	1 oz.
Distilled Water, ...	34 fl. oz.	—	40 fl. oz.

***Liquor Ferri Perchloridi.**

Iron Wire, ...	2 oz.
Hydrochloric Acid, ...	10 fl. oz.
Nitric Acid, ...	6 fl. dr.
Distilled Water, ...	7 fl. oz.

Product, 10 fl. oz.

***Liquor Ferri Pernitratis.**

Fine Iron Wire, free from rust, ...	1 oz.
Nitric Acid, ...	3 fl. oz.
Distilled Water, ...	q. s.

Product, 30 fl. oz.

***Liquor Hydrargyri Nitratis Acidus.** (Liq. Hyd. Pernit; P.D.)

Mercury, ...	4 oz.
Nitric Acid, ...	$3\frac{1}{4}$ fl. oz.
Distilled Water, ...	3 fl. oz.

Liquor Morphiæ Hydrochloratis.

	P. B.		P. L.
Hydrochlorate of Morphia, ...	4 gr.	—	8 gr.
Dilute Hydrochloric Acid, ...	8 m.		
Rectified Spirit, ...	2 fl. dr.	—	1½ fl. dr.
Distilled Water, ...	6 fl. dr.	—	6½ fl. dr.

Liquor Plumbi Subacetatis. (Liq. Plumb. Diac. P. L.)

Acetate of Lead, ...	5 oz.	—	4½ oz.
Litharge, ...	3½ oz.	—	2⅝ oz.
Distilled Water, ...	20 fl. oz.	—	20 fl. oz.

Liquor Plumbi Subacetatis Dilutus. (Liq. Plumb. Diacet. Dil. P. L.)

Solution of Subacetate of Lead,...	2 fl. dr.	—	1½ fl. dr.
Rectified Spirit, ...	2 fl. dr. proof		2 fl. dr.
Distilled Water, ... ad.	20 fl. oz.	—	20 fl. oz.

Liquor Potassæ.

Carbonate of Potash, ...	16 oz.	—	15 oz.
Slaked Lime, ...	12 oz.	Caus. L.	8 oz.
Distilled Water, ...	1 gal.	—	1 gal.

***Liquor Potassæ Permanganatis.**

Permanganate of Potash, ...	4 gr.
Distilled Water, ...	1 fl. oz.

Liquor Sodæ.

Carbonate of Soda, ...	28 oz.	—	31 oz.
Slaked Lime, ...	12 oz.	—	9 oz.
Distilled Water, ...	1 gal.	—	1 gal.
	S. G. 1·047.		S. G. 1·061.

***Liquor Sodæ Arseniatis.**

Anhydrous Arseniate of Soda, ...	4 gr.
Distilled Water, ...	1 fl. oz.

¼ grain of Arseniate of Soda in 1 fluid drachm.

***Linimentum Cantharidis.**

	P. B.	P. L.
Cantharides, in powder, ...	8 oz.	
Acetic Acid, ...	4 fl. oz.	
Ether, ...	20 fl. oz.	

Product, 20 fl. oz.

Macerate in the Acid for 24 hours, then percolate.

***Linimentum Chloroformi.**

Chloroform, ...	2 fl. oz.
Camphor Liniment, ...	2 fl. oz.

***Linimentum Crotonis.**

Croton Oil, ...	½ fl. oz.
Olive Oil, ...	3½ fl. oz.

Linimentum Hydrargyri.

Ointment of Mercury, ...	1 oz. —	1 oz.
Solution of Ammonia, ...	1 fl. oz. —	1 fl. oz.
Liniment of Camphor, ...	1 fl. oz.	Camph. 2 dr. Lard 1 oz.

***Linimentum Iodi.**

Iodine, ...	1¼ oz.
Iodide of Potassium, ...	½ oz.
Rectified Spirit, ...	5 fl. oz.

Linimentum Opii.

Tincture of Opium, ...	2 fl. oz. —	1 fl. oz.
Liniment of Soap, ...	2 fl. oz. —	3 fl. oz.

Linimentum Saponis.

Hard Soap, ...	2½ oz. —	2½ oz.
Camphor, ...	1¼ oz. —	1¼ oz.
Oil of Rosemary, English, ...	180 m. —	13½ m.
Rectified Spirit, ...	18 fl. oz. —	18 fl. oz.
Distilled Water, ...	2 fl. oz. —	2 fl. oz.

Digest at a temperature not exceeding 70°.

Linimentum Terebinthinæ.

	P. B.	P. L.
Oil of Turpentine, ...	5 fl. oz. —	16 fl. oz.
Resin Ointment, ...	8 oz.	S. Soap 2 oz.
		Camph. 1 oz.

***Linimentum Terebinthinæ Aceticum.**

Oil of Turpentine, ...	1 fl. oz.
Acetic Acid, ...	1 fl. oz.
Liniment of Camphor, ...	1 fl. oz.

Liquor Ammoniæ.

Strong Solution of Ammonia, ...	20 fl. oz. —	20 fl. oz.
Distilled Water, ...	40 fl. oz. —	40 fl. oz.

Liquor Ammoniæ Acetatis.

Strong Solution of Ammonia, ...	3½ fl. oz. Am. Carb. 4½ dr.
Acetic Acid, ...	10 fl. oz. A. A. Dil. 10 fl. oz.

S. G. 1·06. (5 times the strength of P. L.)

Liquor Ammoniæ Fortior.

Hydrochlorate of Ammonia, ...	48 oz. —	48 oz.
Slaked Lime, ...	64 oz.	Lime 36 oz.
Distilled Water, ...	32 fl. oz. —	32 fl. oz.
		Water 48 fl. oz.
	S. G. 0·891.	S. G. 0·882.

***Liquor Antimonii Terchloridi.**

Prepared Sulphuret of Antimony,	16 oz.
Hydrochloric Acid of Commerce,	4 pt.

Liquor Arsenicalis.

Arsenious Acid, ...	80 gr. —	80 gr.
Carbonate of Potash, ...	80 gr. —	80 gr.
Compound Tincture of Lavender,	5 fl. dr. —	5 fl. dr.
Distilled Water, ... ad.	20 fl. oz. —	20 fl. oz.

½ grain of Arsenious Acid in 1 fluid drachm.

***Liquor Atropiæ.**

Atropia, in crystals, ...	4 gr.
Rectified Spirit, ...	1 fl. dr.
Distilled Water, ...	7 dr.

½ grain of Atropia in 1 fluid drachm.

Liquor Sodæ Chloratæ, (Liq. Sodæ Chlorinatæ P. L.)

	P. B.	P. L.
Carbonate of Soda, ...	12 oz.	— 12 oz.
Chloride of Sodium, ...	4 oz.	— 4 oz.
Black Oxide of Manganese, ...	3 oz.	— 3 oz.
Sulphuric Acid, ...	2½ fl. oz.	— 2½ fl. oz.
Distilled Water, ...	44 fl. oz.	— 48 fl. oz.

***Liquor Strychniæ.**

Strychnia, in crystals, ...	4 gr.
Dilute Hydrochloric Acid, ...	6 m.
Rectified Spirit, ...	2 fl. dr.
Distilled Water, ...	6 fl. dr.

Contains ½ grain of Strychnia in 1 fluid drachm.

Lithiæ Citras.

Carbonate of Lithia, ...	50 gr.
Citric Acid, in crystals, ...	90 gr.
Warm Distilled Water, ...	1 fl. oz.

Magnesia. (Heavy Calcined Magnesia.)

Carbonate of Magnesia Calcined.

Magnesia Levis. (Light Calcined Magnesia.)

Light Carbonate of Magnesia Calcined.

Magnesiæ Carbonas. (Heavy Carbonate of Magnesia.)

Sulphate of Magnesia, ...	10 oz.
Carbonate of Soda, ...	12 oz.
Boiling Distilled Water,... ...	q. s.

Magnesiæ Carbonas Levis. (Light Carbonate of Magnesia.)

Sulphate of Magnesia, ...	10 oz.	— 12 oz.
Carbonate of Soda, ...	12 oz.	—14¼ oz.
Distilled Water, ...	q. s.	— 1 gal.

Mel Boracis.

Borax, in fine powder, ...	64 gr.	— 60 gr.
Clarified Honey, ...	1 oz.	— 1 oz.

Mel Depuratum.

Honey melted in a water bath, and strained, while hot, through flannel moistened with warm water.

Mistura Ammoniaci.

	P. B.		P. L.
Ammoniac, in coarse powder, ...	¼ oz.	—	2 dr.
Distilled Water, ...	8 fl. oz.	—	8 fl. oz.

Mistura Amygdalæ.

Compound Powder of Almonds,...	2½ oz.	—	2½ oz.
Distilled Water, ...	20 fl. oz.	—	20 fl. oz.

*Mistura Creasoti.

Creasote, ...	16 m.
Glacial Acetic Acid, ...	16 m.
Spirit of Juniper,...	30 m.
Syrup, ...	1 fl. oz.
Distilled Water, ...	15 fl. oz.

Mistura Cretæ.

Prepared Chalk, ...	¼ oz.	—	2 dr.
Gum Arabic, ...	¼ oz.	Mucil.	6 dr.
Syrup, ...	½ fl. oz.	Sugar	1½ dr.
Cinnamon Water, ...	7 ½ fl. oz.	—	10 fl. oz.

Mistura Ferri Composita.

Sulphate of Iron, ...	30 gr.	—	25 gr.
Carbonate of Potash, ...	25 gr.	—	30 gr.
Myrrh, in powder, ...	60 gr.	—	60 gr.
Sugar, ...	60 gr.	—	60 gr.
Spirit of Nutmeg,...	1 fl. dr.	—	4 fl. dr.
Rose Water, ...	8 fl. oz.	—	10 fl. oz.

Mistura Guaiaci.

Guaiac Resin, in powder, ...	½ oz.	—	3 dr.
Sugar, ...	½ oz.	—	4 dr.
Gum Arabic, in powder,... ...	¼ oz.	—	2 dr.
Cinnamon Water, ...	20 fl. oz.	—	20 fl. oz.

*Mistura Scammonii.	P. B.	P. L.
Resin of Scammony, ...	4 gr.	
Milk, ...	2 oz.	

Morphiæ Hydrochloras.

Opium, sliced, ...	16 oz.	— 12 oz.
Distilled Water, ...	q. s.	— q. s.
Chloride of Calcium, ...	¾ oz.	Chlor. Lead 2 oz.
Solution of Ammonia, ...	q. s.	— q. s.
Purified Animal Charcoal, ...	¼ oz.	— 3½ oz.
Dilute Hydrochloric Acid, ...	2 fl. oz.	— q. s.

Mucilago Acaciæ. (Mist. Acacia, P. L.)

Gum Arabic, in small pieces, ...	4 oz.	Pulv. 4 oz.
Distilled Water, ...	6 oz.	— 8 oz.

Mucilago Amyli. (Decoct. Amyli. P. L.)

Starch, ...	120 gr.	— 120 gr.
Distilled Water, ...	10 fl. oz.	— 10 fl. oz.

Mucilago Tragacanthæ.

Tragacanth, ...	100 gr.
Boiling Distilled Water, ...	10 fl. oz.

Oxymel.

Clarified Honey, ...	40 oz.	— 60 oz.
Acetic Acid, ...	5 fl. oz.	— 7 fl. oz.
Distilled Water, ...	5 fl. oz.	— 8 fl. oz.

Pilula Aloes Barbadensis.

Barbadoes Aloes, in powder, ...	2 oz.	— 2 oz.
Hard Soap, in powder, ...	1 oz.	S. Soap. 2 oz.
Oil of Caraway, ...	1 fl. dr.	Ex. Gly. 2 oz.
Confection of Roses, ...	1 oz.	Treacle q. s.

*Pilula Aloes et Assafœtidæ.	P. B.	P. L.
Socotrine Aloes, in powder, ...	1 oz.	
Assafœtida, ...	1 oz.	
Hard Soap, in powder, ...	1 oz.	
Confection of Roses, ...	1 oz.	

Pilula Aloes et Myrrhæ.

Socotrine Aloes, ...	2 oz. —	2 oz.
Myrrh, ...	1 oz. —	1 oz.
Saffron, dried, ...	½ oz. —	1 oz.
Confection of Roses, ...	2½ oz. S. Soap	1 oz.
		Treacle q. s.

*Pilula Aloes Socotrinæ.

Socotrine Aloes, in powder, ...	2 oz. —	2 oz.
Hard Soap, in powder, ...	1 oz. E.Gent.	1 oz.
Volatile Oil of Nutmeg, ...	1 dr. Ol.Car.	80 m.
Confection of Roses, ...	1 oz. Treacle	q. s.

Pilula Assafœtidæ Composita. (Pil. Galban Co. P. L.)

Assafœtida, ...	2 oz. —	½ oz.
Galbanum, ...	2 oz. —	1 oz.
Myrrh, ...	2 oz. —	1½ oz.
Treacle, by weight, ...	1 oz. —	q. s.
		Sagap 1½ oz.
		S. Soap 2 dr.

Pilula Calomelanos Composita. (Pil. Hyd. Chlor. Co. P. L.)

Calomel, ...	1 oz. —	1 oz.
Sulphurated Antimony, ...	1 oz. —	1 oz.
Guaiac Resin, in powder, ...	2 oz. —	2 oz.
Castor Oil,...	1 fl. oz.	Treacle 2 oz.

Pilula Cambogiæ Composita.

Gamboge, ...	1 oz. —	1 oz.
Barbadoes Aloes,...	1 oz. Soc.	1½ oz.
Aromatic Powder, ...	1 oz. Ging.	½ oz.
Hard Soap, in powder, ...	2 oz. S.Soap	2 oz.
Syrup, ...	q. s.	

Pilula Colocynthidis Composita.

	P. B.	P. L.
Colocynth, in powder, ...	1 oz.	Ex.Col. 4 dr.
Barbadoes Aloes in powder, ...	2 oz.	Ex. Al. 3 oz.
Scammony, in powder, ...	2 oz.	— 1 oz.
Sulphate of Potash, ...	¼ oz.	Card. 2 dr.
Oil of Cloves, ...	2 fl. dr.	S. Soap 6 dr.
Distilled Water, ...	q. s.	

***Pilula Colocynthidis et Hyoscyami.**

Compound Colocynth Pill, ...	5¼ oz.
Extract of Henbane, ...	3 oz.
Water, ...	q. s.

***Pilula Ferri Carbonatis.**

Ferri Carb. Sacch, ...	1 oz.
Confection of Roses, ...	¼ oz.

***Pilula Ferri Iodidi.**

Fine Iron Wire, ...	40 gr.
Iodine, ...	80 gr.
Refined Sugar, ...	70 gr.
Liquorice Powder, ...	140 gr.
Distilled Water, ...	50 m.

Pilula Hydrargyri.

Mercury, ...	2 oz.	— 2 oz.
Confection of Roses, ...	3 oz.	— 3 oz.
Liquorice Powder, ...	1 oz.	— 1 oz.

Pilula Opii. (Pil. Saponis Co. P. L.)

Opium, in fine powder, ...	½ oz.	— 4 dr.
Hard Soap, ...	2 oz.	S. Soap 1½ oz.
Distilled Water, ...	q. s.	P. Glyc. ½ oz.

***Pilula Plumbi cum Opio.**

Acetate of Lead, in fine powder,	36 gr.
Powdered Opium, ...	6 gr.
Confection of Roses, ...	6 gr.

Pilula Rhei Composita.

	P. B.	P. L.
Rhubarb, in fine powder, ...	3 oz.	— 3 oz.
Socotrine Aloes, in fine powder,...	$2\frac{1}{4}$ oz.	— $2\frac{1}{4}$ oz.
Myrrh, in fine powder, ...	$1\frac{1}{2}$ oz.	— $1\frac{1}{2}$ oz.
Hard Soap, ...	$1\frac{1}{2}$ oz.	S. Soap 3 dr.
English Oil of Peppermint, ...	$1\frac{1}{2}$ fl. dr.	Ol. Car. $1\frac{1}{2}$ fl. dr.
Treacle, by weight, ...	4 oz.	— q. s.

Pilula Scillæ Composita.

Squill, in fine powder, ...	$1\frac{1}{4}$ oz.	— $1\frac{1}{4}$ oz.
Ginger, in fine powder, ...	1 oz.	— $2\frac{1}{2}$ oz.
Ammoniac, in fine powder, ...	1 oz.	— $2\frac{1}{2}$ oz.
Hard Soap, ...	1 oz.	Soft Soap $3\frac{3}{4}$ oz.
Treacle, by weight, ...	2 oz.	— $1\frac{1}{4}$ oz.

Plumbi Acetas.

Litharge, in fine powder,... ...	24 oz.	— 24 oz.
Acetic Acid, ...	2 pt.	— 2 pt.
Distilled Water, ...	1 pt.	— 2 pt.

***Podophylli Resina.**

Podophyllum, in coarse powder,...	16 oz.
Rectified Spirit, ...	3 pt.
Distilled Water, ...	q. s.
Hydrochloric Acid, ...	q. s.

Potassa Caustica. (Potassæ Hydras, P. L.)

Solution of Potash solidified by evaporation.

Potassa Sulphurata.

Carbonate of Potash, ...	10 oz.	— 10 oz.
Sublimed Sulphur, ...	$4\frac{1}{2}$ oz.	— $2\frac{1}{2}$ oz.

Potassæ Acetas.

Carbonate of Potash, ...	20 oz.	— 12 oz.
Acetic Acid, ...	2 pt.	— 26 fl. oz.
		Aqua 12 fl. oz.

Potassæ Bicarbonas.

	P. B.	P. L.
Carbonate of Potash, ...	16 oz.	— 16 oz.
Distilled Water, ...	2 pt.	— 2 pt.
Hydrochloric Acid, ...	1½ pt.	
Water, ...	3 pt.	
White Marble, in fragments, ...	16 oz.	

***Potassæ Chloras.**

Carbonate of Potash, ...	20 oz.
Slaked Lime, ...	53 oz.
Distilled Water, ...	q. s.
Black Oxide of Manganese, ...	80 oz.
Hydrochloric Acid of Commerce,	24 pt.

***Potassæ Citras.**

Carbonate of Potash, ...	8 oz.
Citric Acid, in crystals, ...	6 oz.
Distilled Water, ...	2 pt.

Potassæ Nitras.

Nitrate of Potash purified by recrystallization.

***Potassæ Permanganas.**

Caustic Potash, ...	5 oz.
Black Oxide of Manganese, ...	4 oz.
Chlorate of Potash, ...	3½ oz.
Dilute Sulphuric Acid, ...	q. s.
Distilled Water, ...	2½ pt.

Potassæ Sulphas.

Nitric Acid Residue, ...	16 oz.	— 24 oz.
Boiling Distilled Water,... ...	½ gal.	— 2 gal.
Carbonate of Potash, ...	60 gr.	
Dilute Sulphuric Acid, ...	6 dr.	
Slaked Lime, ...	8 oz.	

Potassæ Tartras.

	P. B.	P. L.
Acid Tartrate of Potash,... ...	20 oz.	— 24 oz.
Carbonate of Potash, ...	9¼ oz.	— 10½ oz.
Boiling Distilled Water,... ...	2½ pt.	— 4 pt.

***Potassii Bromidum.**

Solution of Potash, ...	2 pt.
Bromine, ...	4 fl. oz.
Wood Charcoal, in powder, ...	2 oz.
Boiling Distilled Water,... ...	1½ pt.

Potassii Iodidum.

Solution of Potash, ...	1 gal. Pot. Carb.	4 oz.
Iodine, in powder, ...	29 oz.	— 6 oz.
Wood Charcoal, in powder, ...	3 oz. Iron Filings	2 oz.
Boiling Distilled Water,... ...	q. s.	— 6 pt.

Pulvis Amygdalæ Compositus. (Conf. Amygdalæ, P. L.)

Jordan Almonds,...	8 oz.	— 8 oz.
Refined Sugar, ...	4 oz.	— 4 oz.
Gum Arabic, ...	1 oz.	— 1 oz.

Pulvis Antimonialis.

Oxide of Antimony, ...	1 oz. Tersulph Antim.	1 oz.
Prec. Phosph. of Lime, ...	2 oz. Horn Shavings	2 oz.

***Pulvis Aromaticus.** (P. Conf. Arom. P. L.)

Cinnamon,...	4 oz.	— 2 oz.
Nutmeg, ...	3 oz.	— 2 oz.
Saffron, ...	3 oz.	— 2 oz.
Cloves, ...	1½ oz.	— 1 oz.
Cardamoms, freed from the capsules,	1 oz.	— ½ oz.
Refined Sugar, ...	25 oz.	— 24 oz.
		Chalk 16 oz.

Pulvis Cretæ Aromaticus. (P. Conf. Aromat. P. L.)

Aromatic Powder, ...	48 oz.	— 31½ oz.
Prepared Chalk, ...	16 oz.	— 16 oz.

Pulvis Cretæ Aromaticus c Opio.

	P. B.		P. L.
Aromatic Powder of Chalk, ...	9¾ oz.	—	9¾ oz.
Opium, in powder, ...	¼ oz.	—	¼ oz.

***Pulvis Catechu Compositus.**

Catechu, ...	4 oz.
Kino, ...	2 oz.
Rhatany, ...	2 oz.
Cinnamon,...	1 oz.
Nutmeg, ...	1 oz.

Pulvis Ipecacuanhæ cum Opio. (Pulv. Ipecac. Co. P. L.)

Ipecacuan, in powder, ...	½ oz.	—	½ oz.
Opium, in powder, ...	½ oz.	—	½ oz.
Sulphate of Potash, ...	4 oz.	—	4 oz.

Pulvis Jalapæ Compositus.

Jalap, in powder,...	5 oz.	—	4½ oz.
Acid Tartrate of Potash,... ...	9 oz.	—	9 oz.
Ginger, in powder, ...	1 oz.	—	3 dr.

Pulvis Kino cum Opio. (Pulv. Kino Co. P. L.)

Kino, in powder, ...	3¾ oz.	—	3¾ oz.
Opium, in powder, ...	¼ oz.	—	2 dr.
Cinnamon, in powder, ...	1 oz.	—	1 oz.

***Pulvis Rhei Compositus.**

Rhubarb, ...	2 oz.
Light Magnesia, ...	6 oz.
Ginger, ...	1 oz.

Pulvis Scammonii Compositus.

Scammony, ...	4 oz.	—	4 oz.
Jalap, ...	3 oz.	Hrd Ex.	4 oz.
Ginger, ...	1 oz.	—	1 oz.

Pulvis Tragacanthæ Compositus.

	P. B.	P. L.
Tragacanth, ...	1 oz.	— 1½ oz.
Gum Arabic, ...	1 oz.	— 1½ oz.
Starch, ...	1 oz.	— 1½ oz.
Refined Sugar, ...	3 oz.	— 3 oz.

Quiniæ Sulphas. (Quinæ Disulphas P. L.)

Yellow Cinchona Bark, in coarse powder, ...	16 oz.	— 21 oz.
Hydrochloric Acid, ...	3 fl. oz.	A.Char. 2 oz.
Distilled Water, ...	q. s.	— q. s.
Solution of Soda, ...	4 pt.	Sol. Am. q. s.
Dilute Sulphuric Acid, ...	q. s.	— q. s.
		Hyd. Ox. Lead q. s.

***Santoninum.**

Santonica, bruised, ...	16 oz.
Slaked Lime, ...	7 oz.
Hydrochloric Acid, ...	q. s.
Solution of Ammonia, ...	½ fl. oz.
Rectified Spirit, ...	14 fl. oz.
Purified Animal Charcoal, ...	60 gr.
Distilled Water, ...	q. s.

***Scammoniæ Resina.**

Scammony Root, in coarse powder,	8 oz.
Rectified Spirit, ...	q. s.
Distilled Water, ...	q. s.

Soda Caustica.

Solution of Soda evaporated to a solid state.

***Sodæ Arsenias.**

Arsenious Acid, ...	10 oz.
Nitrate of Soda, ...	8½ oz.
Dried Carbonate of Soda, ...	5½ oz.
Boiling Distilled Water, ...	35 fl. oz.

Sodæ Bicarbonas.

	P. B.	P. L.
Carbonate of Soda, ...	2 lb.	
Dried Carbonate of Soda, ...	3 lb.	
White Marble, ...	4 lb.	No formula.
Hydrochloric Acid of Commerce,	1 gal.	
Water, ...	2 gal.	
Distilled Water, ...	q. s.	

Sodæ Carbonas Exsiccata.

Carbonate of Soda dried by a strong heat.

Sodæ et Potassæ Tartras. (Sodæ Potassio Tartras, P. L.)

Acid Tartrate of Potash,... ...	16 oz.	— 16 oz.
Carbonate of Soda, ...	12 oz.	— 12 oz.
Boiling Distilled Water,... ...	4 pt.	— 4 pt.

***Sodæ Phosphas.**

Bone Ash,...	10 lbs.
Sulphuric Acid of Commerce ...	56 fl. oz.
Distilled Water, ...	4½ gal.
Carbonate of Soda, ...	16 lbs.

Spiritus Ætheris. (Sp. Æther Co. P. L.)

Ether, ...	10 fl. oz.	— 10 fl. oz.
Rectified Spirit, ...	20 fl. oz.	— 20 fl. oz.
		Ol. Æther 3½ dr.

Spiritus Ætheris Nitrosi. (Sp. Ætheris Nitrici, P. L.)

Nitrite of Soda, ...	5 oz.	
Sulphuric Acid, ...	4 fl. oz. Acid Nit.	3½ fl. oz.
Rectified Spirit, ...	40 fl. oz.	— 40 fl. oz.

Distil 35 fl. oz. s. g. 0·843. s. g. 0·834.

Spiritus Ammoniæ Aromaticus.

	P. B.	P. L.
Carbonate of Ammonia, ...	8 oz.	Am. Mur. 6 oz.
Strong Solution of Ammonia, ...	4 fl. oz.	Potas. C. 10 oz.
		Cloves 2½ dr.
Oil of Nutmeg, ...	4 fl. dr.	Cinn. 2½ dr.
Oil of Lemon, ...	6 fl. dr.	C. Lim. 5 oz.
Rectified Spirit, ...	6 pt.	— 4 pt.
Distilled Water, ...	3 pt.	— 4 pt.
Distil 7 pts. S. G. 0·870		S. G. 0·918

Spiritus Armoraciæ Compositus.

Horseradish, sliced, ...	20 oz.	— 20 oz.
Bitter Orange Peel, ...	20 oz.	— 20 oz.
Nutmeg, bruised, ...	½ oz.	— 5 dr.
Proof Spirit	1 gal.	— 1 gal.
Water, ...	2 pt.	— 2 pt.

Distil 1 gallon.

***Spiritus Cajuputi.**

Oil of Cajuput, ...	1 fl. oz.
Rectified Spirit, ...	9 fl. oz.

Spiritus Camphoræ. (Tinct. Camphoræ, P. L.)

Camphor, ...	1 oz.	— 1 oz.
Rectified Spirit, ...	9 fl. oz.	— 8 fl. oz.

Spiritus Chloroformi.

Chloroform, ...	1 fl. oz.
Rectified Spirit, ...	19 fl. oz.

S. G. 0·871.

Spiritus Juniperi. (Sp. Junip. Co. P. L.)

English Oil of Juniper, ...	1 oz.	— 1½ dr.
Rectified Spirit, ...	9 fl. oz.	Prf. Sp. 1 gl.
		Ol. Carui. 12 m.
		Ol. Fœnic. 12 m.

	P. B.	P. L.
piritus Lavandulæ.		
English Oil of Lavender, ...	1 fl. oz.	
Rectified Spirit, ...	9 fl. oz.	
piritus Menthæ Piperitæ.		
English Oil of Peppermint, ...	1 fl. oz.	— 11¼ m.
Rectified Spirit, ...	9 fl. oz.	Prf. Sp. 10 fl. oz.
piritus Myristicæ.		
Volatile Oil of Nutmeg, ...	1 fl. oz.	Nutmg. 75 gr.
Rectified Spirit, ...	9 fl. oz.	Prf. Sp. 10 fl. oz.
piritus Rosmarini.		
English Oil of Rosemary, ...	1 fl. oz.	— 7½ m.
Rectified Spirit, ...	9 fl. oz.	Prf. Sp. 10 fl. oz.
piritus Tenuior.		
Rectified Spirit, ...	5 pt.	— 5 pt.
Distilled Water, ...	3 pt.	— 3 pt.
s. g. 0·920.		
trychnia.		
Nux Vomica, ...	16 oz.	
Acetate of Lead, ...	180 gr.	
Solution of Ammonia, ...	q. s.	No formula.
Rectified Spirit, ...	q. s.	
Distilled Water, ...	q. s.	
uccus Conii.		
Hemlock Juice, ...	3 pt.	
Rectified Spirit, ...	1 pt.	
Filter, after standing 7 days.		
uccus Scoparii.		
Broom Juice, ...	3 pt.	
Rectified Spirit, ...	1 pt.	
uccus Taraxaci.		
Dandelion Juice, ...	3 pt.	
Rectified Spirit, ...	1 pt.	

Sulphur Præcipitatum.

	P. B.		P. L.
Sublimed Sulphur, ...	5 oz.	—	6 oz.
Slaked Lime, ...	3 oz.	Caust. L.	12 oz.
Hydrochloric Acid, ...	8 fl. oz.	—	q. s.
Distilled Water, ...	q. s.	—	2 gal.

***Suppositoria Acidi Tannici.**

Tannic Acid, ...	24 gr.
Glycerine, ...	20 m.
Prepared Lard, ...	80 gr.
White Wax, ...	40 gr. or q. s.

***Suppositoria Morphiæ.**

Hydrochlorate of Morphia, ...	3 gr.
Refined Sugar, ...	30 gr.
Prepared Lard, ...	30 gr.
White Wax, ...	30 gr. or q. s.

Syrupus. (Syrupus Simplex P. L.)

Refined Sugar, ...	80 oz.	—	72 oz.
Distilled Water, ...	40 fl. oz.	—	40 fl. oz.

Product, $7\frac{1}{2}$ lb. weight, s. G. 1·330.

Syrupus Aurantii.

Tincture of Orange Peel, ...	1 fl. oz.	Cort. $2\frac{1}{9}$ dr.
Syrup, ...	7 fl. oz.	Sacch. $4\frac{1}{9}$ dr.
		Spirit $2\frac{1}{9}$ dr.
		Water $2\frac{1}{9}$ oz.

***Syrupus Aurantii Floris.**

Orange Flower Water, ...	8 fl. oz.
Distilled Water, ...	16 fl. oz.
Refined Sugar, ...	48 oz.

Product, $4\frac{1}{9}$ lb. weight, s. G. 1·330.

rupus Ferri Iodidi.

	P. B.		P. L.
Fine Iron Wire, ...	1 oz.	—	¾ oz.
Iodine, ...	2 oz.	—	2 oz.
Refined Sugar, ...	28 oz.	—	20 oz.
Distilled Water, ...	13 fl. oz.	—	24 fl. oz.

Product, 43 oz. weight, S. G. 1·385.

yrupus Ferri Phosphatis.

Granulated Sulphate of Iron, ...	224 gr.
Phosphate of Soda, ...	200 gr.
Acetate of Soda, ...	74 gr.
Dilute Phosphoric Acid,... ...	5½ fl. oz.
Refined Sugar, ...	8 oz.
Distilled Water, ...	8 fl. oz.

Product, 12 oz. measure.

yrupus Hemidesmi.

Hemidesmus, bruised, ...	4 oz.
Refined Sugar, ...	28 oz.
Distilled Water, ...	20 fl. oz.

Product, 2 lb. 10 oz. weight, S. G. 1·335.

rupus Limonis.

Fresh Lemon Peel, ...	2 oz.		
Lemon Juice, strained, ...	20 fl. oz.	—	20 fl. oz.
Refined Sugar, ...	36 oz.	—	30 oz.
		S. V. R.	2½ fl. oz.

Product, 3½ lb. weight, S. G. 1·340.

rupus Mori.

Mulberry Juice, ...	20 fl. oz.	—	20 fl. oz.
Refined Sugar, ...	32 oz.	—	30 oz.
Rectified Spirit, ...	2½ fl. oz.	—	2½ fl. oz.

Product, 3 lb. 6 oz., S. G. 1·330.

Syrupus Papaveris.

	P. B.	P. L.
Poppy Capsules, bruised and freed from Seeds, ...	36 oz.	— 36 oz.
Boiling Distilled Water,... ...	2½ gal.	— 5 gal.
Rectified Spirit, ...	16 fl. oz.	— 5 fl. oz.
Refined Sugar, ...	64 oz.	— 60 oz.

Product, 6½ lb. weight, S. G. 1.320.

Syrupus Rhœados.

Red Poppy Petals, ...	13 oz.	— 12 oz.
Refined Sugar, ...	36 oz.	— 36 oz.
Distilled Water, ...	20 fl. oz.	— 20 fl. oz.
Rectified Spirit, ...	2½ fl. oz.	— 2½ fl. oz.

Product, 3 lb. 10 oz. weight, S. G. 1·330.

Syrupus Rosæ Gallicæ.

Dried Red Rose Petals, ...	2 oz.	— 3⅓ oz.
Refined Sugar, ...	30 oz.	— 36 oz.
Boiling Distilled Water, ...	20 fl. oz.	— 20 fl. oz.

Product, 2 lb. 14 oz. weight, S. G. 1·335—Spirit 2⅜ oz.

Syrupus Scillæ.

Squill, bruised, ...	2½ oz.
Dilute Acetic Acid, ...	20 fl. oz.
Refined Sugar, ...	32 oz.
Proof Spirit, ...	1½ fl. oz.

Product, 3 lb. 2 oz. weight, S. G. 1·330.

Syrupus Sennæ.

Senna, broken small, ...	16 oz.	— 7 oz.
Oil of Coriander, ...	3 m.	Fennel 2½ oz.
Refined Sugar, ...	24 oz.	Treacle 4½ lb.
Distilled Water, ...	5 pt.	— 2 pt.
Rectified Spirit, ...	2 fl. oz.	Manna 6 oz.

Product, 42 oz. weight, S. G. 1·310.

Syrupus Tolutanus.

	P. B.	P. L.
Balsam of Tolu, ...	1¼ oz.	— 1¼ oz.
Refined Sugar, ...	32 oz.	— 32 oz.
Distilled Water, ...	20 fl. oz.	— 20 fl. oz.

Product, 3 lb. weight, S. G. 1·330.

Syrupus Zingiberis.

Tincture of Ginger, ...	1 fl. oz. R.Zng.1½ oz.
Syrup, ...	7 fl. oz. Sugar 15 oz.
	Water 10 fl. oz.

Tinctura Aconiti.

Aconite Root, in fine powder, ...	2½ oz.	— 7½ oz.
Rectified Spirit, ...	20 fl. oz.	— 20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Aloes.

Socotrine Aloes, in coarse powder,	½ oz.	— ½ oz.
Extract of Liquorice, ...	1½ oz.	— 1½ oz.
Rectified Spirit, ...	12½ fl. oz.	— 5 fl. oz.
Distilled Water, ...	7½ fl. oz.	— 15 fl. oz.

Macerate 7 days.

***Tinctura Arnicæ.**

Arnica Root, in fine powder, ...	1 oz.
Rectified Spirit, ...	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Assafœtidæ.

Assafœtida, in small fragments, ...	2½ oz.	— 2½ oz.
Rectified Spirit, ...	20 fl. oz.	— 20 fl. oz.

Macerate 7 days.

Tinctura Aurantii.

Bitter Orange Peel, bruised, ...	2 oz.	— 1¾ oz.
Proof Spirit, ...	20 fl. oz.	— 20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Belladonnæ.

	P. B.		P. L.
Belladonna Leaves, in coarse powder,	1 oz.	—	2 oz.
Proof Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Benzoini Composita.

Benzoin, in coarse powder, ...	2 oz.	—	1¾ oz.
Prepared Storax, ...	1½ oz.	—	1¼ oz.
Balsam of Tolu, ...	½ oz.	—	5 dr.
Socotrine Aloes, ...	160 gr.	—	150 gr.
Rectified Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 7 days.

***Tinctura Bucco.** (Tinct. Buchu P. E.)

Buchu Leaves, bruised, ...	2½ oz.
Proof Spirit, ...	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Calumbæ.

Calumbo, bruised,...	2½ oz.	—	1½ oz.
Proof Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Camphoræ c Opio. (Tinct. Camph. Co. P. L.)

Opium, in coarse powder, ...	40 gr.	—	36 gr.
Benzoic Acid, ...	40 gr.	—	36 gr.
Camphor, ...	30 gr.	—	25 gr.
Oil of Anise, ...	30 m.	—	30 m.
Proof Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 7 days.

***Tinctura Cannabis Indicæ.**

Extract of Indian Hemp,... ...	1 oz.
Rectified Spirit, ...	20 fl. oz.

Dissolve.

inctura Cantharidis.

	P. B.	P. L.
Cantharides, in coarse powder, ...	¼ oz.	— 2 dr.
Proof Spirit, ...	20 fl. oz.	— 20 fl. oz.

Macerate 48 hours, then percolate.

inctura Capsici.

Capsicum, bruised, ...	¾ oz.	— 5 dr.
Rectified Spirit, ...	20 fl. oz.	— 20 fl. oz.

Macerate 48 hours, then percolate.

inctura Cardamomi Composita.

Cardamoms, bruised, ...	¼ oz.	— 75 gr.
Caraway, bruised, ...	¼ oz.	— 75 gr.
Raisins, freed from their Seeds, ...	2 oz.	— 2½ oz.
Cinnamon, bruised, ...	½ oz.	—150 gr.
Cochineal, in powder, ...	60 gr.	— 75 gr.
Proof Spirit, ...	20 fl. oz.	— 20 fl. oz.

Macerate 48 hours, then percolate.

inctura Cascarillæ.

Cascarilla, bruised, ...	2½ oz.	— 2½ oz.
Proof Spirit, ...	20 fl. oz.	— 20 fl. oz.

Macerate 48 hours, then percolate.

nctura Castorei.

Castor, ...	1 oz.	— 1¼ oz.
Rectified Spirit, ...	20 fl. oz.	— 20 fl. oz.

Macerate 7 days.

nctura Catechu. (Tinct. Catechu Co. P. L.)

Catechu, in coarse powder, ...	2½ oz.	— 1¾ oz.
Cinnamon, bruised, ...	1 oz.	— 1¼ oz.
Proof Spirit, ...	20 fl. oz.	— 20 fl. oz.

Macerate 48 hours, then percolate.

inctura Chiratæ. (Tinct. Chirettæ P. D.)

Chiretta, bruised, ...	2½ oz.
Proof Spirit, ...	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Cinchonæ Composita.

	P. B.		P. L.
Pale Cinchona Bark, in coarse powder, ...	2 oz.	—	2 oz.
Bitter Orange Peel, bruised, ...	1 oz.	—	1½ oz.
Serpentary, bruised, ...	½ oz.	—	3 dr.
Saffron, ...	60 gr.	—	60 gr.
Cochineal, in powder, ...	30 gr.	—	30 gr.
Proof Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Cinchonæ Flavæ. (Tinct. Cinchonæ P. L.)

Yellow Cinchona Bark, in coarse powder, ...	4 oz.	—	4 oz.
Proof Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Cinnamomi.

Cinnamon, in coarse powder, ...	2½ oz.	—	1¾ oz.
Proof Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 48 hours, then percolate.

***Tinctura Cocci.**

Cochineal, in powder, ...	2½ oz.
Proof Spirit, ...	20 fl. oz.

Macerate 7 days.

Tinctura Colchici Seminis. (Tinct. Colchici P. L.)

Colchicum Seeds, bruised, ...	2½ oz.	—	2½ oz.
Proof Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Conii Fructus.

Hemlock Fruit, bruised, ...	2½ oz.	Fol. C.	2½ oz.
Proof Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 48 hours, then percolate.

***Tinctura Croci.**

Saffron, ...	1 oz.
Proof Spirit, ...	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Digitalis.

	P. B.		P. L.
Digitalis, bruised,...	2½ oz.	—	2 oz.
Proof Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 48 hours, then percolate.

***Tinctura Ergotæ.**

Ergot, bruised, ...	5 oz.	—	7½ oz.
Proof Spirit, ...	20 fl. oz.	Ether	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Ferri Perchloridi. (Tinct. Ferri Sesquichlor. P. L.)

Solution of Perchloride of Iron,...	5 fl. oz.	Fr. Ses.	1½ oz.
Rectified Spirit, ...	15 fl. oz.	—	15 fl. oz.
	s. g. 0·992.	Ac. Hydrochl.	5 fl. oz.

Tinctura Gallæ.

Galls, bruised, ...	2½ oz.	—	2½ oz.
Proof Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Gentianæ Composita.

Gentian, bruised, ...	1½ oz.	—	1¼ oz.
Bitter Orange Peel, bruised, ...	¾ oz.	—	5 dr.
Cardamoms, bruised, ...	¼ oz.	Cinn.	2½ dr.
Proof Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Guaiaci Ammoniata. (Tinct. Guaiac. Comp. P. L.)

Guaiac Resin, in fine powder, ...	4 oz.	—	3½ oz.
Aromatic Spirit of Ammonia, ...	20 fl. oz.	—	20 fl. oz.

Macerate 7 days.

Tinctura Hyoscyami.

Hyoscyamus Leaves, dried and bruised, ...	2½ oz.	—	2½ oz.
Proof Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Iodi. (Tinct. Iodinii, Co. P. L.)

	P. B.		P. L.
Iodine, ...	½ oz.	—	½ oz.
Iodide of Potassium, ...	¼ oz.	—	1 oz.
Rectified Spirit, ...	20 fl. oz.	—	20 fl. oz.

Tinctura Jalapæ.

Jalap, in coarse powder,... ...	2½ oz.	—	2½ oz.
Proof Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Kino.

Kino, in moderately fine powder,	2 oz.	—	1¾ oz.
Rectified Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 7 days.

Tinctura Krameriæ.

Rhatany, bruised,...	2½ oz.	—	2½ oz.
Proof Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Lavandulæ Composita.

English Oil of Lavender, ...	1½ fl. dr.	—	1½ fl. dr.
English Oil of Rosemary, ...	10 m.	—	10 m.
Cinnamon, bruised, ...	150 gr.	—	150 gr.
Nutmeg, bruised, ...	150 gr.	—	150 gr.
Red Sandalwood, ...	300 gr.	—	300 gr.
Rectified Spirit, ...	40 fl. oz.	—	40 fl. oz.

Macerate 7 days, then add the Oils to the strained Tincture.

Tinctura Limonis.

Fresh Lemon Peel, sliced thin, ...	2½ oz.	—	1¾ oz.
Proof Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Lobeliæ.

Lobelia, dried and bruised, ...	2½ oz.	—	2½ oz.
Proof Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Lobeliæ Ætherea.

	P. B.		P. L.
Lobelia, dried and bruised, ...	2½ oz.	—	2½ oz.
Spirit of Ether, ...	20 fl. oz.	—	20 fl. oz.

Macerate 7 days.

Tinctura Lupuli.

Hop, ...	2½ oz.	—	3 oz.
Proof Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Myrrhæ.

Myrrh, in coarse powder, ...	2½ oz.	—	1 oz.
Rectified Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Nucis Vomicæ.

Nux Vomica, ...	2 oz.
Rectified Spirit, ...	20 fl. oz.

Soften by steam, dry and powder. Macerate 48 hours, then percolate.

Tinctura Opii.

Opium, in coarse powder, ...	656 gr.	Pulv.	720 gr.
Proof Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 7 days.

Tinctura Quiniæ Composita. (Tinct. Quinæ Co., P. L.)

Sulphate of Quinia, ...	160 gr.	—	160 gr.
Tincture of Orange Peel, ...	20 fl. oz.	—	20 fl. oz.

Digest 7 days.

Tinctura Rhei. (Tinct. Rhei Co., P. L.)

Rhubarb, bruised,...	2 oz.	—	1¾ oz.
Cardamoms, bruised, ...	¼ oz.	R. Gly.	3 dr.
Coriander, bruised, ...	¼ oz.	R. Zing	1½ dr.
Saffron, ...	¼ oz.	—	1½ dr.
Proof Spirit, ...	20 fl. oz.	—	20 fl. oz.

Macerate 48 hours, then percolate.

***Tinctura Sabinæ.**

	P. B.	P. L.
Savin, dried and bruised,... ...	2½ oz.	
Proof Spirit, ...	20 fl. oz.	

Macerate 48 hours, then percolate.

Tinctura Scillæ.

Squill, bruised, ...	2½ oz.	— 2½ oz.
Proof Spirit, ...	20 fl. oz.	— 20 fl. oz.

Macerate 48 hours, then percolate.

***Tinctura Senegæ.**

Senega, bruised, ...	2½ oz.
Proof Spirit, ...	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Sennæ. (Tinct. Sennæ Co., P. L.)

Senna, broken small, ...	2½ oz.	— 1¾ oz.
Raisins, freed from seeds, ...	2 oz.	— 2½ oz.
Caraway, ...	½ oz.	— 2¼ dr.
Coriander,...	½ oz.	Cardm. ½ dr.
Proof Spirit, ...	20 fl. oz.	— 20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Serpentariæ.

Serpentary, bruised, ...	2½ oz.	— 1¾ oz.
Proof Spirit, ...	20 fl. oz.	— 20 fl. oz.

Macerate 48 hours, then percolate.

***Tinctura Stramonii.**

Stramonium Seeds, bruised, ...	2½ oz.
Proof Spirit, ...	20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Tolutana.

Balsam of Tolu, ...	2½ oz.	— 1 oz.
Rectified Spirit, ...	20 fl. oz.	— 20 fl. oz.

Dissolve and filter.

Tinctura Valerianæ.

Valerian, bruised,...	2½ oz.	— 2½ oz.
Proof Spirit, ...	20 fl. oz.	— 20 fl. oz.

Macerate 48 hours, then percolate.

Tinctura Valerianæ Ammoniata. (Tinct. Valer. Co., P. L.)

	P. B.		P. L.
Valerian, bruised,...	2½ oz.	—	2½ oz.
Aromatic Spirit of Ammonia, ...	20 fl. oz.	—	20 fl. oz.

Macerate 7 days.

Tinctura Zingiberis.

Ginger, bruised, ...	2½ oz.	—	2½ oz.
Rectified Spirit, ...	20 fl. oz.	—	40 fl. oz.

Macerate 48 hours, then percolate.

***Trochisci Acidi Tannici.**

Tannic Acid, ...	360 gr.
Tincture of Tolu,...	½ fl. oz.
Refined Sugar, in powder, ...	25 oz.
Gum Arabic, in powder,... ...	1 oz.
Mucilage of Gum Arabic, ...	2 fl. oz.
Boiling Distilled Water,... ...	1 fl. oz.

Divide into 720 Lozenges.

***Trochisci Bismuthi.**

White Bismuth, ...	1440 gr.
Carbonate of Magnesia, ...	4 oz.
Precipitated Carbonate of Lime,	6 oz.
Refined Sugar, ...	30 oz.
Gum Arabic, in powder,... ...	1 oz.
Distilled Water, ...	6 fl. oz.
Oil of Cinnamon, ...	½ fl. dr.

Divide into 720 square Lozenges.

***Trochisci Catechu.**

Pale Catechu, in powder, ...	2 oz.
Refined Sugar, in powder, ...	16 oz.
Gum Arabic, in powder,... ...	1 oz.
Tincture of Capsicum, ...	½ fl. oz.
Distilled Water, ...	q. s.

Divide into 720 Lozenges.

***Trochisci Morphiæ.**

	P. B.	P. L.
Hydrochlorate of Morphia, ...	20 gr.	
Tincture of Tolu, ...	½ fl. oz.	
Refined Sugar, in powder, ...	24 oz.	
Gum Arabic, in powder, ...	1 oz.	
Mucilage of Gum Arabic, ...	2 fl. oz.	
Boiling Distilled Water, ...	½ fl. oz.	

Divide into 720 Lozenges.

***Trochisci Morphiæ et Ipecacuanhæ.**

Hydrochlorate of Morphia, ...	20 gr.
Ipecacuan, in fine powder, ...	60 gr.
Tincture of Tolu, ...	½ fl. oz.
Refined Sugar, ...	24 oz.
Gum Arabic, in powder, ...	1 oz.
Mucilage of Gum Arabic, ...	2 fl. oz.
Boiling Distilled Water, ...	½ fl. oz.

Divide into 720 Lozenges.

***Trochisci Opii.**

Extract of Opium, ...	72 gr.
Tincture of Tolu, ...	½ fl. oz.
Refined Sugar, in powder, ...	16 oz.
Gum Arabic, in powder, ...	2 oz.
Extract of Liquorice, ...	6 oz.
Boiling Distilled Water, ...	q. s.

Divide into 720 Lozenges.

***Unguentum Aconitiæ.**

Aconitia, ...	8 gr.
Rectified Spirit, ...	30 m.
Prepared Lard, ...	1 oz.

Unguentum Antimonii Tartarati. (Ung. Ant. Pot. Tart. P. L.)

Tartarated Antimony, in fine powder,	¼ oz.	—	¼ oz.
Simple Ointment, ...	1 oz.	Lard	1 oz.

*Unguentum Atropiæ.	P. B.	P. L.
Atropia, ...	8 gr.	
Rectified Spirit, ...	30 m.	
Prepared Lard, ...	1 oz.	

Unguentum Belladonnæ.

Extract of Belladonna, ...	80 gr.	— 60 gr.
Prepared Lard, ...	1 oz.	— 1 oz.

***Unguentum Calomelanos.**

Calomel, ...	80 gr.
Prepared Lard, ...	1 oz.

Unguentum Cantharidis.

Cantharides, ...	1 oz.	— 1 oz.
Yellow Wax, ...	1 oz.	Water 4 oz.
Olive Oil, ...	6 oz.	Cer. Res. 4 oz.

Unguentum Cetacei.

Spermaceti, ...	5 oz.	— 5 oz.
White Wax, ...	2 oz.	— 14 dr.
Almond Oil, ...	20 fl. oz.	Ol. Ol. 20 fl. oz.

***Unguentum Cocculi.**

Cocculus Indicus Seeds, well bruised,	80 gr.
Prepared Lard, ...	1 oz.

Unguentum Creasoti.

Creasote, ...	1 fl. dr.	— ½ fl. dr.
Simple Ointment,...	1 oz.	Lard 1 oz.

Unguentum Elemi.

Elemi, ...	¼ oz.	— 6 dr.
Simple Ointment,...	1 oz.	Tereb. 5 dr.
		Suet 1½ oz.
		Ol. Ol. 1 dr.

	P. B.	P. L.
Unguentum Gallæ.		
Galls, in fine powder, ...	80 gr.	— 60 gr.
Simple Ointment,...	1 oz.	Lard 1 oz.
Unguentum Gallæ c Opio. (Ung. Gallæ Co. P. L.)		
Ointment of Galls, ...	1 oz.	— 1 oz.
Opium, in powder, ...	32 gr.	— 15 gr.
Unguentum Hydrargyri.		
Mercury, ...	16 oz.	— 16 oz.
Prepared Lard, ...	16 oz.	— 15½ oz.
Prepared Suet, ...	1 oz.	— 1 oz.
Unguentum Hydrargyri Ammoniata. (Ung. Hyd. Am. Chlor. P. L.)		
Ammoniated Mercury, ...	64 gr.	— 40 gr.
Simple Ointment,...	1 oz.	Lard 1 oz.
***Unguentum Hydrargyri Iodidi Rubri.**		
Red Iodide of Mercury, in fine powder, ...	16 gr.	
Simple Ointment,...	1 oz.	
Unguentum Hydrargyri Nitratis.		
Mercury, by weight, ...	4 oz.	— 4 oz.
Nitric Acid, S.G. 1·5	8 fl. oz.	— 1·42 8 oz.
Prepared Lard, ...	15 oz.	— 24 oz.
Olive Oil, ...	32 oz.	— 16 oz.
Unguentum Hydrargyri Oxidi Rubri. (Ung. Hyd. Nit. Ox. P.L.)		
Red Oxide of Mercury, ...	64 gr.	— 60 gr.
Simple Ointment,...	1 oz.	Lard 1 oz.
Unguentum Iodi Compositum. (Ung. Iodinii Co. P. L.)		
Iodine, ...	32 gr.	— 30 gr.
Iodide of Potassium, ...	32 gr.	— 60 gr.
Proof Spirit, ...	60 m.	— 60 m.
Prepared Lard, ...	2 oz.	— 2 oz.

***Unguentum Plumbi Carbonatis.**

	P. B.	P. L.
Carbonate of Lead, ...	64 gr.	
Simple Ointment,...	1 oz.	

Unguentum Plumbi Subacetatis. (Cer. Plumb. Acet. P. L.)

Solution of Sub-Acetate of Lead,	6 fl. oz.	Pb. Acet. 5 dr.
Camphor, ...	60 gr.	
White Wax, ...	8 oz.	— 5 oz.
Olive Oil, ...	20 fl. oz.	— 20 fl. oz.

Unguentum Potassii Iodidi.

Iodide of Potassium, ...	64 gr.	— 60 gr.
Distilled Water, ...	60 m.	— 60 m.
Prepared Lard, ...	1 oz.	— 1 oz.

Unguentum Resinæ. (Cer. Resinæ, P. L.)

Resin, ...	8 oz.	— 7½ oz.
Yellow Wax, ...	4 oz.	— 7½ oz.
Simple Ointment,...	16 oz.	Ol. Oliv. 20 fl. oz.

Unguentum Sabinæ.

Fresh Savin, bruised, ...	8 oz.	— 6 oz.
White Wax, ...	3 oz.	— 3 oz.
Prepared Lard, ...	16 oz.	— 12 oz.

Digest 20 minutes, and strain through calico.

Unguentum Simplex. (Cer. Simplex P. L.)

White Wax, ...	2 oz.	— 4 oz.
Prepared Lard, ...	3 oz.	
Almond Oil, ...	3 fl. oz.	Ol. Oliv. 4 fl. oz.

Unguentum Sulphuris.

Sublimed Sulphur, ...	1 oz.	— 2 oz.
Prepared Lard, ...	¼ oz.	— ¼ oz.

*Unguentum Terebinthinæ.	P. B.	P. L.
Oil of Turpentine,...	1 fl. oz.	
Resin, ...	60 gr.	
Yellow Wax, ...	½ oz.	
Prepared Lard, ...	½ oz.	

*Unguentum Veratriæ.

Veratria, ...	8 gr.
Prepared Lard, ...	1 oz.
Olive Oil, ...	½ fl. dr.

Unguentum Zinci Oxidi. (Ung. Zinci, P. L.)

Oxide of Zinc, in fine powder, ...	80 gr.	— 80 gr.
Simple Ointment,...	1 oz.	Lard 1 oz.

*Veratria.

Cevadilla, ...	32 oz.
Distilled Water, ...	q. s.
Rectified Spirit, ...	q. s.
Solution of Ammonia, ...	q. s.
Hydrochloric Acid, ...	q. s.
Purified Animal Charcoal, ...	60 gr.

Vinum Aloes.

Socotrine Aloes, ...	1½ oz.	— 2 oz.
Cardamoms, ground, ...	80 gr.	Canel ½ oz.
Ginger, in coarse powder, ...	80 gr.	
Sherry, ...	40 fl. oz.	— 40 fl. oz.

Digest 7 days.

Vinum Antimoniale. (Vin. Ant. Pot. Tart., P. L.)

Tartarated Antimony, ...	40 gr.	— 40 gr.
Sherry, ...	20 fl. oz.	— 20 fl. oz.

Vinum Colchici.

Colchicum Corm, dried and sliced,	4 oz.	— 4 oz.
Sherry, ...	20 fl. oz.	— 20 fl. oz.

Macerate 7 days.

Vinum Ferri.

	P. B.	P. L.
Tartarated Iron, ...	160 gr.	Irn. Wire 1 oz.
Sherry, ...	20 fl. oz.	— 20 fl. oz.

Vinum Ipecacuanhæ.

Ipecacuan,...	1 oz.	— 1¼ oz.
Sherry, ...	20 fl. oz.	— 20 fl. oz.

Macerate 7 days.

Vinum Opii.

Opium, in powder, ...	1½ oz.	Ex. Op. 1¼ oz.
Sherry, ...	20 fl. oz.	— 20 fl. oz.
		Cin. & Cloves aa 75 gr.

Macerate 7 days.

*Zinci Acetas.

Carbonate of Zinc, ...	2 oz.
Acetic Acid, ...	5 fl. oz.
Distilled Water, ...	6 fl. oz.

*Zinci Carbonas.

Sulphate of Zinc, ...	10 oz.
Carbonate of Soda, ...	10½ oz.
Boiling Distilled Water, ...	q. s.

Zinci Chloridum.

Granulated Zinc, ...	16 oz.	— 14 oz.
Hydrochloric Acid, ...	44 fl. oz.	— 40 fl. oz.
Solution of Chlorine, ...	q. s.	
Carbonate of Zinc, ...	½ oz.	
Distilled Water, ...	20 fl. oz.	— 4 pts.

Zinci Oxidum.

Carbonate of Zinc exposed to a dull red heat, until it no *longer* effervesces with Dilute Sulphuric Acid.

Zinci Sulphas.

	P. B.		P. L.
Granulated Zinc, ...	16 oz.	—	15 oz.
Sulphuric Acid, ...	12 fl. oz.	—	7½ fl. oz.
Distilled Water, ...	4 pt.	—	4 pt.
Solution of Chlorine, ...	q. s.		
Carbonate of Zinc, ...	½ oz.		

Zinci Valerianas.

Sulphate of Zinc, ...	5¾ oz.
Valerianate of Soda, ...	5 oz.
Distilled Water, ...	q. s.

PART II.

MATERIA MEDICA.

A TABLE

Regulating the ordinary proportion of Doses, according to the age of the Patient.

For an adult	1	e.g.	60	grains.
From 21 to 14 years	$\frac{2}{3}$	"	40	"
14 to 7	$\frac{1}{2}$	"	30	"
" 7 to 4	$\frac{1}{3}$	"	20	"
" 4	$\frac{1}{4}$	"	15	"
" 3	$\frac{1}{6}$	"	10	"
" 2	$\frac{1}{8}$	"	8	"
" 1	$\frac{1}{12}$	"	5	"

*** *The Table is arranged in the following manner:—1, Pharmacopœia Name; 2, Botanical Name; 3, Natural Order; 4, Habitat; 5, Properties; 6, Dose.*

MATERIA MEDICA.

	NAT. ORDER.	HABITAT.	PROP.	DOSE.
Acacia,	(Leguminosæ,)	Arabia, Egypt, &c.,	—Demul.	½ dr. to 2 dr.
Acetum,	French Vinegar, Sp. Grav. 1·008 to 1·022.			
Acidum	Aceticum, cont. 28 per cent. of Anhydrous Acetic Acid, s. g. 1·044,		...	10 m. to 30 m.
"	" dilutum, s.g. 1·006, $\frac{1}{5}$ weaker than P.L.			1 dr. to ½ oz.
"	" Glaciale, HO, C_4 H_3, O_3 = 39 s. g. 1·065, Congeals at nearly 32°.			
"	Arseniosum, As. O_3 = 99, ...	...	...	$\frac{1}{16}$ gr. to ⅛ gr.
"	Benzoicum, HO, C_{14} H_5 O_3, = 122, from *Styrax Benz.*,	(Styraceæ,)	... ...	5 gr. to 30 gr.
"	Citricum, 3 HO, C_{12} H_5 O_{11} + HO. = 201,			10 gr. to 60 gr.
"	Gallicum, 3 HO, C_{14} H_3 O_7 + 2 HO. = 188,			2 gr. to 15 gr.
"	Hydrochloricum, HCl., dissolved in water, s.g. 1·17, P.L. 1·16,	...	... ...	5 m. to 15 m.
"	*Hydrochloricum* dil., s.g. 1·05, P.L. 1·043 ...			20 m. to 60 m.

		DOSE.
Acidum	**Hydrocyan. dil.**, HC_2N, dissolved in water, S.G. 0·997, cont. 2 per cent. of Acid, ...	2 m. to 5 m.
"	Nitricum, 3 HO, 2 NO_5 = 67·5, S. G. 1·5, P.L. 1·42, ...	1 m. to 4 m.
"	Nitricum dil., $\frac{1}{3}$ stronger, S. G. 1·101, P. L. 1·082, ...	10 m. to 30 m.
* "	Nitro-hydrochlor. dil., S.G. 1·074, ...	10 m. to 30 m.
"	Phosphoric. dil., $\frac{1}{6}$ stronger, 3 HO, PO_5, dissolved in water, S.G. 1·08, P.L. 1·064,	10 m. to 50 m.
"	Sulphuric, HO, SO_3, = 49, S.G. 1·846, P.L. 1·843.	
* "	Sulphuric. Arom., S.G. 0·935, ...	10 m. to 30 m.
"	" dil., $\frac{1}{7}$ weaker, S.G. 1·087, P.L. 1·103,	10 m. to 40 m.
* "	Sulphurosum, SO_2 dissolved in water, S.G. 1·04	
"	Tannicum, $C_{54}H_{22}O_{34}$ = 438	2 gr. to 15 gr.
"	Tartaricum, 2 HO, $C_8H_4O_{10}$ = 150 ...	10 gr. to 30 gr.
Aconiti Radix, *A. Napellus*, (Ranunculaceæ) Germany and Britain, Sedative, gradually increased from		2 gr. to 10 gr.
Aconitia, (Aconitina, P.L.) $C_{60}H_{47}NO_{14}$, *vide* Ung. Aconitia,		
Aconitum, *A. Napellus*, the fresh leaves and flowering tops, ...		2 gr. to 10 gr.
Adeps Præparatus, Hog's Fat, deprived of its membranes, and purified by heat,		
Æther, C_4H_5O, with 8 per cent. of Alcohol, S.G. 0·735,		30 m. to 2 dr.
Aloe Barbadensis, *A. vulgaris*, (Liliaceæ), Barbadoes, Cathartic, ...		2 gr. to 15 gr.
Socotrina, Spec. undetermined, (Liliaceæ), *Socotra*, Cathartic, ...		2 gr. to 15 gr.

	DOSE.
Alumen, Sulph. of Alumina and Potash, Astringent, $AL_2\,O_3\,3\,SO_3 + KO, SO_3 = 475$, ...	10 gr. to 20 gr.
" Exsiccata, Alum deprived of its water by heat, ...	5 gr. to 15 gr.
Ammoniacum, *Dorema A.* (Umbelliferæ), Persia and the Punjaub, Expectorant, ...	10 gr. to 30 gr.
***Ammoniæ Benzoas**, $NH_4\,O$, $C_{14}\,H_5\,O_3 + HO = 148$, Stimulant, Expectorant, ...	10 gr. to 30 gr.
" Carbon, $2\,NH_4\,O$, $3\,HO_2 = 118$, Stimulant, Antacid, ...	5 gr. to 20 gr.
" Hydrochloras, $NH_4\,Cl = 54$, Alterative, Diaphoretic, ...	10 gr. to 30 gr.
" Phosphas, $3\,NH_4\,O$, $PO_5 + 5\,HO = 194$,...	10 gr. to 30 gr.
Amygdala, *A. communis*, (Rosaceæ) Malaga, Demulcent,	1 dr. to 2 dr.
Amylum, Triticum Vulgare Craminaceæ, Starch procured from the seed,	
Anethum, *A. graveolens*, (Umbelliferæ), Britain, S. Europe, Aromatic, ...	10 gr. to 60 gr.
Anthemis, *A. nobilis*, (Compositæ), Britain, Tonic,...	20 gr. to 30 gr.
***Antimonii Oxidum**, Sb. $O_3 = 146$, Febrifuge, ...	3 gr. to 6 gr.
Antimonium Sulphuratum, Sb. S_3 with a little Sb. O_3 (Antim.-oxysulph. P. L.)	1 gr. to 4 gr.
" Tartaratum, Sb O_3, KO, $C_8\,H_9\,O_{10} + 2\,HO =$ 340, (Antim. Potas. Tart. P.L.) Emetic,	1 gr. to 2 gr.
Expectorant,	$\frac{1}{12}$ gr. to $\frac{1}{6}$ gr.
Aqua Anethi, distilled from the seed, ...	1 oz. to 4 oz.
" Aurantii, distilled from the flowers, ...	
" Camphoræ, (Mist. Camphoræ P.L.)	1 oz. to 2 oz.
" Carui, distilled from the seed, ...	1 oz. to 4 oz.
" *Cinnamomi*, distilled from the bark, ...	1 oz. to 4 oz.

	DOSE.
Aqua Fœniculi, distilled from the seed, ...	1 oz. to 4 oz.
* " Laurocerasi, 1 oz. of leaves in $1\frac{1}{4}$ oz.	10 m. to 30 m.
" Menthæ Piperitæ, $\frac{3}{4}$ m. of Oil in 1 oz. ...	1 oz. to 4 oz.
" " Vir., $\frac{3}{4}$ m. of Oil in 1 oz.	1 oz. to 4 oz.
" Pimentæ, distilled from the berry, ...	1 oz. to 4 oz.
" Rosæ, distilled from the leaves,	
" Sambuci, distilled from the flowers,	
Argenti Nitras, Ag O, NO_5 = 170, ...	$\frac{1}{8}$ gr. to 1 gr.
* " Oxidum, Ag O = 116,...	$\frac{1}{2}$ gr. to 1 gr.
Armoracia, *Cochlearia A.* (Cruciferæ) Britain, Stimulant, Diuretic, ...	20 gr. to 60 gr.
***Arnica**, *A. montana*, (Compositæ) M. & S. Europe, Acrid, Stimulant, ...	5 gr. to 10 gr.
Assafœtida, *Narthex A.* (Umbelliferæ), Affghanistan and Punjaub, ...	5 gr. to 20 gr.
Atropia, ($C_{34} H_{22} NO_6$) = 288, *vide*, Liquor and Ung. Atropiæ,	
Aurantii Cortex, *Citrus Bigaradia*, (Aurantiaceæ) S. Europe,	
Balsam Peruvianum, *Myrospermum Pereiræ*, (Leguminosæ), Guatemala, ...	10 gr. to 30 gr.
" Tolutanum, *Myrospermum toluiferum*, (Leguminosæ) Tolu, in New Granada, ...	10 gr. to 30 gr.
***Bela**, *Ægle Marmelos*, (Aurantiaceæ) Malabar and Coromandel, Astringent, ...	1 gr. to 3 gr.
***Beberiæ Sulph.** *Nectandra Rodiei*, (Lauraceæ) British Guiana and Demarara, Tonic, ...	1 gr. to 3 gr.
Belladonna, *Atropa B.* (Solanaceæ) Britain, Anodyne,	$\frac{1}{2}$ gr. to 1 gr.
Belladonnæ Radix, the dose to be gradually increased *until* dryness of the throat is produced,	$\frac{1}{4}$ gr. to $\frac{1}{2}$ gr.

	DOSE.
Benzoinum, *Styrax Benzoin,* (Styraceæ) Siam and Sumatra, Expectorant,...	10 gr. to 30 gr.
Bismuth. Alb, Bi O_3 NO_5 = 274, Bism. Nitras, P. L.	5 gr. to 20 gr.
Borax, NaO, 2 BO_3 + 10 HO = 191, Detergent, Diuretic, ...	10 gr. to 30 gr.
Bucco, *Barosma betulina, B. crenulata, B. serratifolia,* (Rutaceæ), Cape of Good Hope, Tonic, and Diuretic, ...	20 gr. to 30 gr.
Calcis Carbonas Præcip. CaO, CO_2 = 50, Antacid. ...	10 gr. to 60 gr.
" Phosphas Præcip, 3 CaO, PO_5 =55, ...	10 gr. to 30 gr.
Calomelas, Hg_2 Cl.=236, (Hyd. Chlor. P.L.) { Alterative / Purgative	½ gr. to 1 gr. / 5 gr. to 10 gr.
Calumba, *Cocculus Palmatus,* (Menispermaceæ), Mosambique, Tonic, ...	10 gr. to 20 gr.
Calx, Ca O=28, *vide* Liq. Calcis and Liq. Calc. Sacch.	
" Chlorata, Ca O, Cl O, with Ca Cl and Ca O, HO.	
Cambogia, undetermined species of *Garcinia,* (Guttiferæ,) Siam, Drastic Hydragogue, Anthelmintic, ...	2 gr. to 10 gr.
Camphora, *C. officinarum,* (Laurinaceæ,) China, Calmative, Anodyne, ...	5 gr. to 10 gr.
***Cannabis Indica,** *C. sativa,* (Urticaceæ,) India, Anodyne, Stimulant.	
Cantharis, *C. vesicatoria,* (Coleoptera,) Russia, Sicily, and Hungary, Stimulant Diuretic, ...	⅙ gr. to 1 gr.
Capsicum, *C. fastigiatum,* (Solanaceæ,) Guiana, E. and W. Indies.	
Carbo Animalis, Purified Bone Black deprived of its earthy salts.	

	DOSE.
Carbo Ligni, Antiseptic and Disinfectant, ...	10 gr. to 1 dr.
Cardamomum, *Elettaria C.* (Zingiberaceæ,) Malabar, Aromatic, ...	10 gr. to 1 dr.
Carui, *Carum C.*, (Umbelliferæ,) England and Germany, Aromatic, ...	10 gr. to 1 dr.
Caryophillum, *C. aromaticus*, (Myrtaceæ,) Penang, Bencoolen, and Amboyna, Aromatic, ...	5 gr. to 30 gr.
Cascarilla, *Croton Eleuteria*, (Euphorbiaceæ,) The Bahamas, Stimulant Tonic, ...	10 gr. to 1 dr.
Cassia, *C. Fistula*, (Leguminosæ) E. and W. Indies, Laxative, ...	½ oz. to 1 oz.
Castoreum, *Castor Fiber*, (Rodentia) Hudson's Bay, Antispasmodic, ...	5 gr. to 20 gr.
Catechu Nigrum, *Acacia C.*, (Leguminosæ,) Pegu, Astringent, ...	10 gr. to 40 gr.
" Pallidum, *Uncaria Gambir*, (Leguminosæ,) Singapore, Astringent,...	10 gr. to 40 gr.
Cera Alba, Yellow Wax bleached, British and imported,	
" **Flava**, Apis mellifica, (Hymenoptera,)	
Cerevisiæ Fermentum, Beer Yeast, *vide* Cat. Fermenti.	
Cetaceum, *Physeter macrocephalus*, (Cetacea,)	
Cetraria, *C. islandica*, (Lichenis,) North of Europe, Demulcent, Tonic, ...	20 gr. to 1 dr.
Chirata, *Ophelia C.*, (Gentianaceæ,) India, Tonic, Stomachic, ...	20 gr. to 30 gr.
Chloroformum, $C_2 H Cl_3$, s. g. 1·496 Stimulant and Cordial } internally, ...	5 m. to 20 m.
} inhalation, ...	1 dr. to 2 dr.
Cinchona Flava, *C. Calisaya*, (Cinchonaceæ,) Peru, *Bolivia*, Febrifuge, Tonic, ...	10 gr. to 1½ dr.

	DOSE.
Cinchona Pallida, *C. Condaminea,* (Cinchonoceæ,) Loxa in Ecuador, Tonic, ...	10 gr. to 1 dr.
" Rubra, *C. succirubra,* (Cinchonaceæ,) Western slopes of Chimborazo, Tonic, ...	10 gr. to 1½ dr.
Cinnamomum, *C. zeylanicum,* (Laurinaceæ,) Ceylon, Aromatic, ...	5 gr. to 20 gr.
Cocculus, *Anamirta C.,* (Menispermaceæ,) Malabar and Eastern Archipelago, *vide* Ung. Cocculi,	
Coccus, *C. Cacti,* (Hemiptera,) Mexico and Teneriffe, *vide* Tinct. Cocci,	
Colchici Cormus, *C. autumnale,* (Melanthaceæ) Indigenous, Cathartic, Diaphoretic, used for the Extract, and Wine, ...	1 gr. to 5 gr.
" Semen, used for making the Tincture,	
Collodium, Pyroxylin or Gun Cotton, dissolved in Ether and Alcohol,	
Colocynthis, *Citrullus C.,* (Cucurbitaceæ) Smyrna, Trieste, France, and Spain, Hydragogue Cathartic, ...	2 gr. to 10 gr.
Confectio Piperis, Fennel and Elecampane omitted,	1 dr. to 2 dr.
" Rosæ Caninæ, ...	1 dr. to ½ oz.
" Rosæ Gallicæ	1 dr. to ½ oz.
* " Scammonii, 1 part of Scammony in 4 parts,	10 gr. to 1 dr.
" Sennæ, Ext. substituted for Pulv. Glycyr	1 dr. to 3 dr.
* " Sulphuris, 4 oz. Sulph. & 1 Cr. Tart. in 9 oz.	1 dr. to ½ oz.
* " Terebinth, 4 oz. contains 1 oz. Turpentine,	½ oz. to 4 oz.
Conii Fructus, *C. maculatum,* (Umbelliferæ,) Anodyne	2 gr. to 6 gr.
***Conium,** the fresh* leaves and young branches. ...	5 gr. to 10 gr.

	DOSE.
Copaiba, *Copaifera multijuga*, (Leguminosæ,) Para in Brazil, Urethral Stimulant, ...	15 m. to 1 dr.
Coriandrum, *C. sativum*, (Umbelliferæ,) Britain, Arom.	10 gr. to 1 dr.
Creasotum, s. g. 1·065, a product of the distillation of Wood Tar, Sedative, Calmative, ...	1 m. to 2 m.
Creta Præparata, Ca O, CO_2 = 50, Antacid, ...	10 gr. to 40 gr.
Crocus, *C. sativus*, (Iridaceæ,) Spain, France, &c., principally used for colouring, Stimulant, ...	10 gr. to 30 gr.
Cubeba, *C. officinalis*, (Piperaceæ), Java, Urethral Stimulant, ...	20 gr. to 2 dr.
Cupri Sulphas, Cu O, SO_3 + 5 HO=125 Astringent	½ gr. to 2 gr.
Emetic ...	3 gr. to 10 gr.
Cusparia, *Galipea C.*, (Rutaceæ), S. America, Tonic, Febrifuge, ...	10 gr. to 30 gr.
•**Cusso,** (Kousso,) *Brayera anthelmintica*, (Rosaceæ,) Abyssinia, Anthelmintic, ...	2 dr. to ½ oz.
Decoctum Aloes Co. ⅓ stronger, 5½ gr. Aloes in 1 oz.	½ oz. to ¾ oz.
" Cetrariæ, ... 22 gr. Moss in 1 oz.	1 oz. to 4 oz.
" Cinchon Flav. ¼ weaker, 22 gr. Bark in 1 oz.	1 oz. to 4 oz.
" Granati Rad. ... 44 gr. Root in 1 oz.	½ oz. to 1 oz.
" Hæmatoxyli, 4 times the strength 22 gr. Wood in 1 oz.	2 dr. to 1 oz.
" Hordei, ... 44 gr. Barley in 1 oz.	
" Papaveris, ... 54 gr. Poppy in 1 oz.	
" Pareira, ... 33 gr. Root in 1 oz.	1 oz. to 3 oz.
" Quercus, ⅓ stronger, 26 gr. Bark in 1 oz.	1 oz. to 4 oz.
" *Sarsæ*, ... 48 gr. Root in 1 oz.	4 oz. to 8 oz.
" " *Co.*, ... 48 gr. Root in 1 oz.	4 oz. to 8 oz.

		DOSE.
Decoctum Scoparii, Juniper and Dandelion omitted,	11 gr. Broom in 1 oz.	1 oz. to 1½ oz.
" Taraxaci, 1 part of dried Root, instead of 4 parts of fresh,	22 gr. Root in 1 oz.	1 oz. to 3 oz.
Digitalis, *D. purpurea,* (Scrofularinaceæ,) Britain, Sedative, Diuretic, ...		½ gr. to 3 gr.
Digitalinum, ...		$\frac{1}{100}$ gr. to $\frac{1}{50}$ gr.
Dulcamara, *Solanum D.* (Solanaceæ,) India, Alterative,		30 gr. to 60 gr.
Elaterium, *Ecbalium officinarum,* (Cucurbitaceæ,) Britain and South of Europe, Hydragogue Cathartic, ...		⅛ gr. to 1 gr.
Elemi, probably from *Canarium commune,* (Amyridaceæ,) Manilla,		
Ergota, *Secale cereale,* (Graminaceæ,) Britain and Europe, Emmenagogue, ...		20 gr. to 30 gr.
Extractum Aconiti, more active than P. L. Extract, ...		½ gr. to 2 gr.
" Aloes Barbadensis, ...		1 gr. to 10 gr.
" " Socotrinæ, ...		1 gr. to 10 gr.
* " Anthemidis, ...		10 gr. to 20 gr.
* " Belæ Liquidum, 1 fl. oz. contains 1 oz. Bael,		½ oz. to 1 oz.
" Belladonnæ, gradually increased from ...		½ gr. to 5 gr.
* " Calumbæ, ...		5 gr. to 30 gr.
* " Cannabis Indicæ, ...		¼ gr. to 1 gr.
" Cinchonæ Flavæ Liq., 1 fl. dr. con. ½ oz. Bark,		10 m. to 20 m.
" Colchici,	nearly double the strength	½ gr. to 1½ gr.
" " Acet.	the fecula being separated	
* " Colocynth Co., similar to P. L. 1836, ...		5 gr. to 20 gr.
" Conii, more active than P.L. Extract, ...		3 gr. to 5 gr.
* " *Ergotæ Liq.,* 1 fl. dr. cont. 60 gr. of Ergot,		20 m. to 60 m.

		DOSE.
*	**Extractum Filicis Liq.,** (syn.) for Oil of Male Fern,...	30 m. to 60 m.
"	Gentianæ, ...	10 gr. to 30 gr.
"	Glycyrrhizæ,	
"	Hæmatoxyli,...	10 gr. to 30 gr.
"	Hyoscyami, ...	5 gr. to 10 gr.
"	Jalapæ, ...	10 gr. to 20 gr.
* "	Krameriæ, ...	10 gr. to 30 gr.
"	Lupuli, ...	5 gr. to 20 gr.
"	Nucis Vomicæ, gradually increasing from	½ gr. to 3 gr.
"	Opii, ...	½ gr. to 3 gr.
* "	" Liq., similar to Liq. Opii Sed., 1 fl. oz. contains 21 $\frac{4}{5}$ gr. Ext. ...	10 m. to 30 m.
* "	Pareiræ Liquidum, 1 fl. oz. contains 1 oz. root,	½ dr. to 1½ dr.
* "	Quassiæ, ...	5 gr. to 10 gr.
"	Rhei, ...	10 gr. to 30 gr.
"	Sarsæ Liquidum, 1 fl. oz. contains 2 oz. root,	1 dr. to 1 oz.
"	Stramonii, ...	¼ gr. to 1 gr.
"	Taraxaci, ...	10 gr. to 30 gr.
*	**Fel Bovinum Purificatum,** Purified Ox Bile,... ...	3 gr. to 10 gr.
*	**Ferri Arsenias,** 3 Fe O, As O_5 = 223, insoluble, 2 gr. contain 1 gr. Arsenious Acid, ...	$\frac{1}{24}$ gr. to ⅛ gr.
"	Carbonas Saccharata, Fe O, CO_2 — Fe_2 O_3 and Sugar, (57 per cent. of Ferri Carb.)	5 gr. to 20 gr.
"	et Ammoniæ Citras, (Fe_2 O_3, NH_4 O, HO, C_{12} H_5 O_4, + 2 HO,) 26 per cent. of Ferri Peroxidum	5 gr. to 15 gr.
* "	et Quiniæ Cit., 6 gr. contain 1 gr. Quinine,	3 gr. to 10 gr.
* "	Iodidum, Fe 1. + 4 HO = 191	1 gr. to 5 gr.
* "	*Oxidum* Magneticum, Fe_2 O_3 + Fe O, + *HO*	5 gr. to 20 gr.

	DOSE.
Ferri Peroxidum, $Fe_2 O_3, HO. = 89$, ...	5 gr. to 4 dr.
* " " Hydratum, { as an Antidote,	½ oz. to 1 oz.
as Tonic, ...	10 gr. to 30 gr.
* Phosphas, $3 Fe O, PO_5 = 179$, ...	3 gr. to 10 gr.
" Sulphas, $Fe O SO_3 + 7 HO = 139$, ...	1 gr. to 5 gr.
" " Exsic., $Fe O, SO_3 = 76$, ...	½ gr. to 3 gr.
* " " Gran., $Fe O, SO_3 + 7 HO = 139$,	1 gr. to 5 gr.
***Ferrum Redactum**, Metallic Iron, with a little Magnetic Oxide of Iron, ...	3 gr.
" Tartaratum, $Fe_2 O_3, KO, C_8 H_4 O_{10} + HO$, $= 268$ (Ferri Pot. Tart. P.L.)	5 gr. to 20 gr.
Ficus, *F. carica*, (Urticaceæ,) Smyrna, Laxative.	
***Filix**, *Aspidium Filix mas*, (Filices,) Indigenous, ...	1 dr. to 3 dr.
Fœniculum, *F. dulce*, (Umbelliferæ,) Malta, Carminative, ...	20 gr. to 1 dr.
Galbanum, species undetermined, (Umbelliferæ,) India and The Levant.	
Galla, *Quercus infectoria*, (Cupuliferæ,) Smyrna, Constantinople, Astringent, ...	5 gr. to 30 gr.
Gentiana, *G. lutea*, (Gentianaceæ,) Europe, Tonic, ...	10 gr. to 30 gr.
***Glycerinum**, S.G. 1·26 $C_6 H_8 O_6$ obtained from Fats and Fixed Oils,	
Glycyrrhiza, *G. glabra*, (Leguminosæ,) Indigenous,	
Granati Radix, *Punica G.*, (Myrtaceæ,) Germany, Astringent, ...	20 gr. to 1 dr.
Guaiaci Lignum, *G. officinale*, (Zygophillaceæ,) Jamaica and St. Domingo, Alterative, ...	20 gr. to 1 dr.
" *Resina*, Acrid Stimulant, Diaphoretic, ...	10 gr. to 30 gr.

		DOSE.
Hæmatoxylum, *H. campechianum*, (Leguminosæ,) Campeachy, Honduras, and Jamaica, Astringent, ...		10 gr. to 20 gr.
***Hemidesmus**, *H. indicus*, (Asclepiadaceæ,) India, Alterative,		
Hirudo, *Sanguisuga officinalis*, (Speckled,) *S. medicinalis*, (Green) Hamburg,		
Hordeum, *H. distichon*, (Graminaceæ,) Indigenous, Demulcent.		
***Hydrarg. Iod. Rub.**, Hg I = 227 (Hyd. Biniod P.L.)		$\frac{1}{16}$ gr. to $\frac{1}{8}$ gr.
" " Vir., Hg_2 I =327 (Hyd. Iodid P.L.)		1 gr. to 3 gr.
" Oxid. Rub., Hg. O = 108 (Hyd. Nitrico-oxid. P.L.)		
" Subchlor., Hy_2 Cl=236 (Hyd. Chlorid. P.L.)		5 gr. to 10 gr.
Hydrargyrum, Hg = 100.		
" Ammon. NH_2 Hg_2 Cl. = 252 (Hyd. Am. Chlor. P.L.)		
" Corros. Sub. Hg. Cl=136 (Hyd. Bichlor P.L.)		$\frac{1}{8}$ gr. to $\frac{1}{4}$ gr.
" c Creta, 1 pt. of Mercury in 3 parts, ...		5 gr. to 30 gr.
Hyoscyamus, *H niger*, (Solanaceæ,) Indigenous, Anodyne and Narcotic, ...		5 gr. to 10 gr.
Infus. Anthemidis, nearly $\frac{1}{4}$ stronger	22 gr. in 1 oz.	1 oz. to $1\frac{1}{2}$ oz.
" Aurantii, nearly double str.	22 gr. in 1 oz.	$\frac{1}{2}$ oz. to 1 oz.
" Bucco (Inf. Buchu P.L.)	22 gr. in 1 oz.	$1\frac{1}{2}$ oz. to 2 oz.
" Calumbæ, nearly $\frac{1}{4}$ stronger	22 gr. in 1 oz.	1 oz. to $1\frac{1}{2}$ oz.
" Caryophylli $\frac{1}{5}$ stronger	11 gr. in 1 oz.	1 oz. to $1\frac{1}{2}$ oz.
" Cascarillæ $\frac{1}{5}$ stronger	44 gr. in 1 oz.	1 oz. to $1\frac{1}{2}$ oz.
" Catechu, $\frac{1}{9}$ weaker	16 gr. in 1 oz.	1 oz. to 3 oz.
" Chiratæ,	11 gr. in 1 oz.	1 oz. to 3 oz.
" *Cinchonæ Flavæ*,	22 gr. in 1 oz.	1 oz. to 3 oz.

			DOSE.
	Infus. Cuspariæ, nearly ¼ stronger,	22 gr. in 1 oz.	1 oz. to 1½ oz.
*	" Cusso,	27 gr. in 1 oz.	4 oz. to 8 oz.
	" Digitalis, Sp. Cin. omitted,	3 gr. in 1 oz.	½ oz. to 1 oz.
*	" Dulcamaræ, ¼ stronger than Decoct. P. L.	44 gr. in 1 oz.	1 oz. to 2 oz.
*	" Ergotæ,	11 gr. in 1 oz.	1 oz. to 2 oz.
	" Gentianæ Co. contains twice as much Gentian, ⅙ Proof Spirit & Coriander Seeds instead of Lem. Peel,	11 gr. in 1 oz.	1 oz. to 1½ oz.
	" Krameriæ,	22 gr. in 1 oz.	1 oz. to 2 oz.
	" Lini,	16 gr. in 1 oz.	
	" Lupuli, about ⅕ stronger,	22 gr. in 1 oz.	1 oz. to 1½ oz.
*	" Maticæ,	22 gr. in 1 oz.	1 oz. to 1½ oz.
	" Quassiæ, 3 times as strong,	6 gr. in 1 oz.	1 oz. to 2 oz.
	" Rhei, about ⅕ stronger,	11 gr. in 1 oz.	1 oz. to 3 oz.
	" Rosæ Acid, nearly ¼ stronger,	11 gr. in 1 oz.	1 oz. to 1½ oz.
*	" Senegæ, nearly ⅓ weaker than Decoct. P. L.	22 gr. in 1 oz.	1 oz. to 3 oz.
	" Sennæ, half the strength,	22 gr. in 1 oz.	2 oz. to 8 oz.
	" Serpentariæ,	11 gr. in 1 oz.	1 oz. to 2 oz.
*	" Uvæ Ursi,	22 gr. in 1 oz.	1 oz. to 2 oz.
	" Valerianæ,	12 gr. in 1 oz.	1 oz. to 2 oz.
	Iodum, I. = 127, Alterative,...	... ...	1 gr. to 5 gr.
	Ipecacuanha, *Cephaelis I.* Cinchonaceæ	Diaphoretic,	¼ gr. to 2 gr.
	" Brazil,	Emetic,	10 gr. to 20 gr.
	Jalapa, *Exogonium Purga*, (Convolvulacæ,) Mexico, Hydrogogue Cathartic,	...	... 10 gr. to ½ oz.

	DOSE.
Jalapæ Resina, a spirituous extract, Cathartic, ...	3 gr. to 10 gr.
***Kamela**, *Rottlera tinctoria*, (Euphorbiaceæ,) India, Anthelmintic, ...	1 dr. to 2 dr.
Kino, *Pterocarpus Marsupium*, (Leguminosæ,) Malabar, Astringent, ...	10 gr. to 30 gr.
Krameria, *K. triandra*, (Polygalaceæ,) Peru, Astringent Tonic, ...	10 gr. to 30 gr.
***Lauro cerasus**, *Prunus L.*, (Rosaceæ,) Indigenous, Sedative, ...	4 gr. to 8 gr.
Limonis Cortex, *Citrus L.*, (Aurantiaceæ), S. Europe,	
" Succus, Antiscorbutic, ...	1 oz. to 4 oz.
Lini Farina, the seeds ground and deprived of their Oil.	
" Semen, *L. Usitatissimum*, (Linaceæ,) Britain, Demulcent.	
Liquor Ammoniæ, 1 part Liq. Am. Fort. and 2 pt. Water, ...	10 m. to 30 m.
" " Fort NH_3 dissolved in Aqua, (32 per cent.) S.G. 0·891, P.L. 0·882.	
" " Acet., S.G. 1·06, about 5 times as strong as P.L., ...	30 m. to 40 m.
" Antimonii Terchloridi, $Sb\ Cl_3$ dissolved in H Cl.	
" Arsenicalis, (Liq. Potas. Arsen. P.L.) ½ gr. Arsenious Acid in 1 fl. dr., ...	5 m. to 15 m.
* " Atropiæ, ½ gr. Atropia in 1 fl. dr.	
" Calcis, about ½ gr. Lime in 1 fl. oz. ...	1 oz. to 6 oz.
" " Chloratæ, ...	10 m. to 30 m.
* " " Sacch, about 8 gr. Lime in 1 fl. oz.	30 m. to 2 dr.
" *Chlori, (1 part to 7 parts as a Lotion,)* ...	10 m. to 30 m.

DOSE.

*Liquor Ferri Perchlor, 11 gr. Iron in 1 fl. dr. ... 5 m. to 20 m.

* " " Pernit, 2 gr. Iron in 1 fl. dr. ... 30 m. to 6 m.

" Hyd. Nit. Acid, used externally as a caustic.

" Morphiæ Hydrochloratis, half as strong as P.L. (½ gr. in 1 fl. dr.) ... ... 10 m. to 1½ dr.

" Plumbi Subacet, S.G. 1·26, (for external use.)

" " dil., ¼ stronger than P.L. (6 m. Liq. Plumb. in 1 fl. oz.)

" Potassæ, S.G. 1·058, P.L. 1·063, ... 10 m. to 30 m.

* " " Permang, (½ gr. in 1 fl. dr.) twice as strong as Condy's, ... 10 m. to 30 m.

" Sodæ, S. G. 1·047, P. L. 1·061, ⅙ weaker than P. L. ... ... 10 m. to 30 m.

" " Arsen., (½ gr. Arseniate of Soda in 1 fl. dr.) ... ... 5 m. to 15 m.

" " Chlor., Disinfectant and Antiseptic, 10 m. to 30 m.

* " Strychniæ, (½ gr. Strychnia in 1 fl. dr.) ... 3 m. to 10 m.

Lithargyrum, Pb O = 112.

*Lithiæ Carb., L, O, CO_2 = 37, (soluble in 100 parts of water,) ... ... 5 gr. to 10 gr.

* " Citras, 3 L, O, C_{12} H_5 O_{11}=210, very soluble, 5 gr. to 10 gr.

Lobelia, *L. inflata.* (Lobeliaceæ) N. Amer. { Expector. 1 gr. to 5 gr. / Emetic 10 gr. to 5 gr.

Lupulus, *Humulus L.*, (Cannabinaceæ,) Indigenous, Tonic, Narcotic, ... 20 gr. to 30 gr.

Magnesia, Mg O=20, Magnes Calc. Pond., { Antacid, 10 gr. to 30 gr. / Purgative 20 gr. to 1 dr.

" Levis, Mg O = 20, 3½ times as bulky as *above*, ... 10 gr. to 1 dr.

	DOSE.
Magnesiæ Carb., 3 Mg O, CO_2 + HO + Mg O, 2 HO 191, Magn. Carb. Pond., ...	10 gr. to 1 dr.
" Carb. Levis, (14 gr. neut. by 20 gr. Ac. Citric,)	10 gr. to 1 dr.
" Sulphas, Mg O, SO_3 + 7 HO = 123, Cathartic,	2 dr. to 1 oz.
Manna, *Fraxinus Ornus*, (Oleaceæ,) Sicily and South Europe, Laxative, ...	½ oz. to 2 oz.
Mastiche, *Pistacia Lentiscus*, (Anacardiaceæ,) Turkey and The Levant, ...	10 gr. to 20 gr.
***Matica**, *Artanthe elongata*, (Piperaceæ,) Peru, Styptic,	10 gr. to 30 gr.
Mel, *Apis Mellifica*, (Hymenoptera,) Demulcent and Laxative.	
" Boracis, (8 gr. of Borax in 1 dr.)	
" Depuratum, (Honey strained through flannel whilst hot.)	
Mezereum, *Daphne M.*, (Thymelaceæ,) Britain and Central Europe, Stimulant, Diaphoretic,	1 gr. to 10 gr.
Mist Ammoniaci, (14 gr. in 1 oz.)	½ oz. to 1 oz.
" Amygd, (54 gr. Pulv. Amygd. Co. in 1 fl. oz.)	1 oz. to 2 oz.
* " Creasoti, (1 m. Creasoti in 1 fl. oz.) ...	1 oz. to 2 oz.
" Cretæ, (14 gr. ea. Gum and Chalk in 1 fl. oz.)	1 oz. to 2 oz.
" Ferri Co., (⅓ more Iron and 8 times as much Ol. Myristicæ as P.L.)	1 oz. to 1½ oz.
" Guaiac, (⅕ more Guaiacum than P.L.) ...	½ oz. to 2 oz.
* " Scammon, (2 gr. Scammony in 1 fl. oz.) ...	2 oz. to 3 oz.
Morphiæ Hydrochloras, C_{34} H_{19} NO_6, HCl + 6 HO = 376, ...	⅛ gr. to ¼ gr.
***Moschus**, *M. Moschiferus*, (Ruminantia,) Thibet, Antispasmodic, ...	2 gr. to 20 gr.

	DOSE.
Mucil. Acaciæ, (*Mist. Acaciæ P.L.*) 1 oz. Gum to 1½ oz.	1 dr. to 1 oz.
" Amyli, (12 gr. in 1 oz.)	
" Tragacanthæ, (10 gr. in 1 oz.)	
Myristica, *M. officinalis*, (Myristicaceæ,) Sumatra and the Molucca Islands, Aromatic, ...	5 gr. to 10 gr.
Myristicæ Adeps, the expressed Oil of Nutmegs.	
Myrrha, *Balsamodendron M.*, (Amyridaceæ,) Arabia Felix, and Abyssinia, Emmenagogue,	10 gr. to 30 gr.
***Nectandra,** *N. Rodiæi*, (Laurinaceæ,) British Guiana, Tonic, Febrifuge.	
Nux Vomica, *Strichnos N. V.*, (Loganiaceæ,) East Indies, Nerve Stimulant, Tonic, ...	5 gr. to 15 gr.
Ol. Amygdalæ, *A. dulcis*, (Rosaceæ,) Spain and Italy, (the Oil expressed in England.)	
" Anethi, *A. graveolens*, (Umbelliferæ,) South Europe, (the Oil expressed in England,) Carminative, ...	1 m. to 5 m.
" Anisi, *Pimpinella anisum*, and *Illicium anisatum*, (Umbelliferæ,) Europe and China, Carminative, ...	1 m. to 5 m.
" Anthemidis, *A. nobilis*, (Compositæ,) Indigenous, Aromatic Bitter, ...	1 m. to 5 m.
" Cajuputi, *Melaleuca minor*, (Myrtaceæ,) Molucca Islands, diffusible Stimulant, ...	3 m. to 5 m.
" Carui, *Carum C.*, (Umbelliferæ,) England and Germany, (the Oil distilled in England,) Carminative, ...	1 m. to 5 m.
" Caryophylli, *C. aromaticus*, (Myrtaceæ,) Amboyna, &c., (the Oil distilled in England,) Aromatic, ...	1 m. to 5 m.

		DOSE.
Ol.	Cinnamomi, *C. zeylanicum*, (Lauraceæ,) Ceylon, Warm Stimulant, ...	1 m. to 3 m.
„	Copaibæ, *C. multijuga*, (Leguminosæ,) Brazil, Urethral Stimulant, ...	5 m. to 30 m.
* „	Coriandri, *C. sativum*, (Umbelliferæ), Britain, (the Oil distilled in England,) Carminative, ...	1 m. to 5 m.
„	Crotonis, *C. tiglium*, (Euphorbiaceæ,) India and Ceylon, (the Oil expressed in England,) Acrid Cathartic, ...	1 m. to 2 m.
„	Cubebæ, *C. officinalis*, (Piperaceæ,) Java, (the Oil distilled in England,) Urethral Stimulant, ...	10 m. to 30 m.
„	Juniperi, *J. communis*, (Coniferæ,) S. Europe, (the Oil distilled in England, Diuretic,)	1 m. to 5 m.
„	Lavandulæ, *L. vera*, (Labiatæ,) England,	1 m. to 5 m.
„	Limonis, *Citrus L.*, (Aurantiaceæ,) S. Europe and Azores, (imported chiefly from Sicily,)	1 m. to 5 m.
„	Lini, *L. Usitatissimum*, (Linaceæ,) Britain, Egypt, &c.	
„	Menthæ Pip, *M. piperita*, (Labiatæ,) England, Aromatic Stimulant, ...	1 m. to 3 m.
„	„ Vir., *M. viridis*, (Labiatæ,) England, Aromatic Stimulant, ...	1 m. to 5 m.
„	Morrhuæ, *Gadus Morrhua*, Newfoundland and North of Europe, ...	1 dr. to 1 oz.
„	Myristicæ, *M. officinalis*, (Myristiceæ,) Sumatra, (the Oil distilled in England,) Aromatic Stimulant, ...	1 m. to 3 m.

	DOSE.
Ol. Olivæ, *Olea Europæa*, (Oleaceæ,) Italy, ...	½ oz. to 1½ oz.
" Pimentæ, *Eugenia, P.*, (Myrtaceæ,) W. Indies, (the Oil distilled in England,) Aromatic Stimulant, ...	1 m. to 3 m.
" Ricini, *R. communis*, (Euphorbiaceæ,) E. & W. Indies and America, Cathartic, ...	½ oz. to 1½ oz.
" Rosmarini, *R. officinalis*, (Labiatæ,) England, Stimulant Aromatic, ...	2 m. to 5 m.
" Rutæ, *R. graveolens*, (Rutaceæ,) England and S. Europe, Stim. Antispasmodic,	1 m. to 5 m.
" Sabinæ, *Juniperus S.*, (Coniferæ,) England, S. Europe, &c., Emmenagogue, ...	1 m. to 6 m.
" Terebinth, *Pinus palustris*, (Coniferæ,) { Diuretic, ...	10 m. to 30 m.
{ Vermifuge, ...	2 dr. to 1 oz.
Opium, *Papaver somniferum*, (Papaveraceæ,) Asia Minor, Narcotic, ...	¼ gr. to 4 gr.
Oxymel, (Honey, Acetic Acid and Water,)	1 dr. to ½ oz.
Papaver, *P. somniferum*, (Papaveraceæ,) Britain, Narcotic,	
Pareira, *Cissampelos P.*, (Menispermaceæ,) Brazil, &c., Tonic and Diuretic, ...	20 gr. to 1 dr.
Pil Aloes, Barb, (similar to Pil Aloes c Saponis, P.L.)	5 gr. to 10 gr.
" et Assafœtidæ, (1 gr. Aloes & Assaf. in 4 gr.)	10 gr. to 15 gr.
" et Myrrh. (cont. ½ as much Saffron as P.L.)	10 gr. to 15 gr.
" Socotrinæ, (similar to Pil Aloes Co. P.L.)	10 gr. to 15 gr.
" Assafœtidæ Co., (Pil Galbani Co. P.L.) ...	10 gr. to 15 gr.
" Calomelanos Co., (Pil Hyd. Chlor. Co. P.L.)	2 gr. to 10 gr.
" Cambogiæ Co., (slightly altered, 1 gr. each *Aloes* and Gamboge in 5 gr.)	10 gr. to 20 gr.

	DOSE.
Pil. Coloc Co., (Pulv. Coloc. substituted for Ext.) ...	5 gr. to 15 gr.
* " " et Hyos, (5 gr. P. Col. Co. and 3 gr. Hyos in 8 gr.)	5 gr. to 20 gr.
" Ferri Carb, (3 times stronger than P.L.) one half Carbonate of Iron, ...	5 gr. to 10 gr.
* " " Iodidi, (1 gr. Ferri Iod in 3 gr.)	3 gr. to 9 gr.
" Hydrargyri, (1 part Mercury in 3) { Alterat.	3 gr. to 5 gr.
{ Purgat.	5 gr. to 20 gr.
" Opii, (1 gr. Pulv Opii in 5 gr.)	5 gr. to 10 gr.
* " Plumbi c Opio, (¼ gr. Opium and 3¼ gr. Lead in 4 gr.)	4 gr. to 8 gr.
" Rhei Co., (Ol. Menth Pip. substituted for Ol. Carui,) 3 gr. Rhei and 2¼ gr. Aloes in 12 gr.	10 gr. to 20 gr.
" Scillæ Co., (contains nearly twice as much Squills as P.L.)	10 gr. to 20 gr.
Pimenta, *Eugenia P.*, (Myrtaceæ,) W. Indies, Arom.	10 gr. to 20 gr.
Piper, *P. Nigrum*, (Piperaceæ,) W. Indies, Hot. Stim.	5 gr. to 20 gr.
Pix Burgund, *Abies excelsa*, (Coniferæ,) Switzerland.	
" Liquid, *Pinus sylvestris*, (Coniferæ,) N. Europe and N. America, ...	1 dr. to ½ oz.
Plumbi Acetas, $PbO, C_4 H_3 O_3 + 3 HO = 190$ ...	1 gr. to 6 gr.
" Carb, $2 (PbO, CO_2) + HO. PbO = 367$.	
*Podophyllum, *P. Peltatum*, (Ranunculaceæ,) N. Amer.	
*Podophylli Resina, from Podophyllum, Powerful Cathartic, ...	⅙ gr. to 1 gr.
Potassa Caustica, $KO, HO = 57$, used externally as a Caustic.	
" *Sulphurata*, KS_3 with KO, SO_3	3 gr. to 10 gr.

		DOSE.
Potassæ	**Acetas**, KO, C H_3 O_3 = 98, ...	... 20 gr. to 1 dr.
"	Bicarb KO, HO, 2 CO_2 = 100, ...	... 10 gr. to 30 gr.
"	Carb. KO, CO_2 + 2 HO = 87, ...	... 10 gr. to 20 gr.
"	Chloras KO, ClO_5 = 123, ...	... 10 gr. to 15 gr.
"	Citras 3 KO, C_{12} H_5 O_4 = 306, ...	... 20 gr. to 60 gr.
"	Nitras KO, NO_5 = 101, ...	... 10 gr. to 30 gr.
* "	Permanganas KO, Mn O_7 = 159,	... $\frac{1}{16}$ gr. to $\frac{1}{4}$ gr.
"	Sulphas, KO, SO_3 = 87, ...	... 10 gr. to $\frac{1}{2}$ oz.
"	Tartras 2 KO, C_8 H_4 O_{10} = 226, ...	... 1 dr. to 1 oz.
"	" Acid HO, KO, C_8 H_4 O_{10} = 188	Diur. 20 gr. to 1 dr. Cath. 2 dr. to $\frac{1}{2}$ oz.
*Potassii	Bromidum, K Br. = 119, ...	... 2 gr. to 10 gr.
"	Iodidum, K I = 166, ...	... 5 gr. to 10 gr.

Prunum, *P. domestica*, (Rosaceæ,) Southern Europe, Laxative.

Pterocarpus, *P. santalinus*, (Leguminosæ,) Ceylon and Coromandel, used for Colouring.

Pulvis	**Amygdalæ Co.**, (Pulv. Conf. Amygd. P.L.) ...	1 dr. to 2 dr.
"	Antimonialis, (Calc. Phosph. Prec., substituted for Horn Shavings,)	3 gr. to 10 gr.
"	Aromat. (P. Conf. Aromat. P.L.) sine Chalk,	20 gr. to 1 dr.
* "	Catechu Co., (Catechu, Kino and Rhatany,)	$\frac{1}{2}$ dr. to 1 dr.
"	Cretæ Aromat., (Aromatic Powder and Chalk,)	20 gr. to 1 dr.
"	" c Opio, (Sim. to P. Cret. Co. c Op. P.L.) 1 gr. Op. in 40 gr.	5 gr. to 30 gr.
"	Ipec. c Opio, (P. Ipec. Co. P.L.) 1 gr. Op. in 10 gr.	5 gr. to 20 gr.
"	Jalapæ Co., (5 gr. Jalap in 15 gr.) ...	20 gr. to 40 gr.

	DOSE.
Pulvis Kino c Opio, (Pulv. Kino Co. P.L.) 1 gr. Opium in 20 gr.	5 gr. to 20 gr.
* „ Rhei Co., (1 p. Ginger, 2 p. Rhubarb, 6 p. Magnesia,)	20 gr. to 1 dr.
„ Scam. Co., (1 p. Ginger, 3 p. Jalap, 4 p. Scammony,)	5 gr. to 20 gr.
„ Trag. Co., (Trag. G. Arab, Starch & Sugar,)	10 gr. to 1 dr.
Quassia, *Picræna excelsa,* (Simarubaceæ,) Jamaica, Bitter Tonic, ...	5 gr. to 30 gr.
Quercus, *Q. pedunculata,* (Cupuliferæ,) Britain, Astringent, ...	10 gr. to 30 gr.
Quiniæ Sulph. (Quinæ Disulph, P.L.) Tonic, ...	1 gr. to 5 gr.
Resina, from various species of Pinus and Abies,	
Rheum, Spec. undetermined (Polygonaceæ,) China, Thibet and Tartary, { Cathartic, ...	10 gr. to 30 gr.
{ Stomachic, ...	5 gr. to 10 gr.
Rhœas, *Papaver R.* (Papaveraceæ,) Indigenous, used for colouring.	
Rosa, *R. canina,* (Rosaceæ,) the Dog Rose, (Con. Rosæ Can.)	
„ *R. centifolia,* (Rosaceæ,) the Cabbage Rose, (Aqua Rosæ.)	
„ *R. gallica,* (Rosaceæ,) the Red Rose, (Con. Infus. and Syrup.)	
Sabadilla, *Asagræa officinalis* (Melanthaceæ), Mexico and Vera Cruz, &c., *vide* Veratria.	1 gr. to 5 gr.
Sabina, *Juniperus S.,* (Coniferæ,) Indig. Irritant, Emmenagogue, ...	5 gr. to 30 gr.
Saccharum Album, *S. officinarum,* (Graminaceæ,) W. ***Indies, &c.,*** $C_{12} H_{11} O_{11}$.	

	DOSE.
Saccharum Lactis, obtained from the Whey of Cow's Milk, by evaporation, $C_{24}\ H_{24}\ O_{24}$.	
Sambucus, *S. nigra*, (Caprifoliaceæ,) Indigenous, (Aq. Sambucæ.)	
***Santonica**, *Artemisia contra*, (Compositæ,) Russia, Anthelmintic.	
***Santoninum**, obtained from Santonica, ...	1 gr. to 4 gr.
Sapo durus, made with Olive Oil and Soda, ...	5 gr. to 30 gr.
" **Mollis**, made with Olive Oil and Potash.	
Sarsa, *Smilax officinalis*, (Smilaceæ,) C. America, imported from Jamaica, Alterative, ...	20 gr. to 60 gr.
Sassafras, *S. officinale*, (Lauraceæ,) N. America, Diaphoretic.	
Scammon Rad, *Convolvulus S.*, (Convolvulaceæ,) Syria, Drastic, Cathartic.	
" Resina, a spirituous extract, ...	5 gr. to 10 gr.
Scammonium, a Gum Resin obtained by incision from the living Root,...	5 gr. to 15 gr.
Scilla, *Urginea S.*, (Lilliaceæ,) Mediterranean, Expectorant, ...	1 gr. to 2 gr.
Diuretic, ...	1 gr. to 3 gr.
Emetic, ...	10 gr. to 15 gr.
Scoparius, *Sarothamnus S.*, (Leguminosæ,) Indig. Diuretic,...	10 gr. to 30 gr.
Senega, *Polygala S.*, (Polygalaceæ,) N. America, Stimulant, Expectorant, ...	10 gr. to 30 gr.
Senna, *Cassia lanceolata*, Alexandria, *C. obovata*, Senegal, (Leguminosæ,) Cathartic, ...	1 dr. to ½ oz.
" Indica, *Cassia elongata*, (Leguminosæ,) Tinnivelly, S. India, ...	1 dr. to ½ oz.

	DOSE.
Serpentaria, *Aristolochia S.*, (Aristolochiæ,) North America, Stimulant, Diaphoretic, ...	10 gr. to 30 gr.
Sevum Præp., the internal fat of the abdomen of the Sheep.	
Sinapis, *S. Nigra*, and *S. Alba*, (Cruciferæ,) Indig. Rubifacient, Emetic, ...	1 dr. to 2 dr.
Soda Caustica, Na O, HO = 40, (less deliquescent than Caustic Potash.)	
Sodæ Arsen, 2 Na O, HO, As O_5 + 14 HO = 312,...	$\frac{1}{16}$ gr. to $\frac{1}{8}$ gr.
" Bicarb, Na O, 2 CO_2 HO = 84, ...	10 gr. to 30 gr.
" Carb, Na O, CO_2 + 10 HO = 143, ...	10 gr. to 30 gr.
" " Exsic, Na O, CO_2 = 53, ...	5 gr. to 15 gr.
" et Pot. Tart. Na O, KO T + 8 HO = 274, ...	2 dr. to 1 oz.
" Phosphas, 2 Na O, HO, PO_5 + 24 HO = 358, ...	2 dr. to $\frac{1}{2}$ oz.
Sodii Chloridum, Na Cl = 59,...	10 gr. to 1 dr.
Spiritus Ætheris, S.G. 0·843, (Ol. Æthereum omitted),	30 m. to 2 dr.
" " Nitrosi, S.G. 0.843, (Sp. Æth. Nitrici P.L.) made from Nitrite of Soda, ...	10 m. to 60 m.
" Ammon. Arom, S.G. 0·870, (Oil of Nutmeg instead of Cin. and Cloves,)	30 m. to 60 m.
" Armoraciæ Co., ($\frac{1}{5}$ less Nutmeg than P.L.)	2 dr. to $\frac{1}{2}$ oz.
" Cajuputi, (1 part of Oil in 10 parts,) ...	10 m. to 30 m.
" Camphoræ, $\frac{1}{8}$ weaker, (1 part of Camphor in 10 parts,)	10 m. to 2 dr.
" Chloroformi, (1 part Chloroform in 20 parts)	10 m. to 30 m.
" Juniperi, 1 part of Oil in 10 parts, 80 times as strong as P.L., Caraway and Fennel *omitted*, ...	10 m. to 30 m.

	DOSE.
Spiritus Lavandulæ, (1 part of Oil in 10 parts,) ...	10 m. to 30 m.
" Menthæ pip., 1 part of Oil in 10 parts, (40 times as strong as P.L.)...	10 m. to 30 m.
" Myristicæ, 1 part of Oil in 10 parts, (100 times as strong as P.L.)...	10 m. to 30 m.
* " Pyroxylicus Rect., S.G. 0·841 to 0·846, ...	5 m. to 20 m.
" Rectificatus, S.G. 0·838.	
" Rosmarini, 1 part Oil in 10 parts, (60 times as strong as P.L.)	
" Tenuior, S.G. 0·920, (5 parts of Rectified Spirit and 3 parts of water.)	
Stramonii Folia, *Datura S.*, (Solanaceæ,) Indigenous Anodyne, ...	1 gr. to 5 gr.
" Semina, the ripe Seeds, (Extract, Tincture)	¼ gr. to 1 gr.
Strychnia, Alkaloid from Nux Vomica, $C_{42}H_{22}N_2O_4$ the dose to be gradually increased from	$\frac{1}{16}$ gr. to ⅛ gr.
Styrax præp., *Liquidamber Orientale*, (Styracaceæ,) Asia Minor, Expectorant, ...	10 gr. to 20 gr.
***Succus Conii**, (30 m. equal to nearly 3 gr. Extract,)	30 m. to 40 m.
" Mori, *Morus nigra*, (Moraceæ,) Refrigerant, Laxative, (Syr. Mori,)	2 dr. to ½ oz.
* " Scopari, (30 gr. equal to nearly 3 gr. Extr.)	30 m. to 40 m.
* " Taraxaci, (2 dr. equal to ½ dr. Extract,) ...	20 m. to 60 m.
Sulphur Præcipitata, } ... ... Alterative,	10 gr. to 30 gr.
" Sublimata, } ... ... Purgative,	1 dr. to 3 dr.
***Suppositori Acidi Tannici**, (12 gr. of Tannic Acid in 60 gr.)	
* " Morphiæ, (2 gr. of Morphia in 60 gr.)	
Syrupus, S.G. 1·330, (2 p. Sugar to 1 p. Water.)	
" Aurantii, (Tinct. Aurant. substituted for *Cortex* Aurant.)	

		DOSE.
	*Syrupus Aurantii Flor. S.G. 1·330, (made with Orange Flower Water,)	2 dr. to ½ oz.
„	Ferri Iod., S.G. 1·385, (5 gr. Ferri Iod. in 1 fl. dr.)	10 m. to 60 m.
* „	Ferri Phosph., (3½ gr. Ferri Phosph. in 1 fl. dr.)	1 dr. to 2 dr.
* „	Hemidesmi, S.G. 1·335, (1 oz. in 10½ oz.) ...	1 dr. to 4 dr.
„	Limonis, (Fresh Lemon Peel added to P.L. form,)	1 oz. to 2 oz.
„	Mori, S. G. 1·330, slightly Laxative, (used for Colouring,)	1 oz. to 2 oz.
„	Papaveris, S.G. 1·320, Narcotic, ...	1 dr. to 1 oz.
„	Rhœados, S.G. 1·330, used for colouring, &c.	½ oz. to 1 oz.
„	Rosæ Gal. S.G. 1·335, used for colouring,...	½ oz. to 1 oz.
„	Scillæ, S.G. 1·330, (half strength of Oxymel Scillæ P.L.)	1 dr. to 3 dr.
„	Sennæ, (about four times as strong as P.L.) 1 oz. Senna in 2 fl. oz.	1 dr. to 3 dr.
„	Tolutana, used for flavouring, Expectorant,	2 dr. to ½ oz.
„	Zingiberis, (Tinct. Zingib. substituted for Rad. Zingib.)	1 dr. to 3 dr.
Tabacum, *Nicotiana T.* (Solanaceæ,) America, (Enema Tabaci).		
Tamarindus, *T. indica*, (Leguminosæ,) West Indies,	Confec. Sennæ, ...	½ oz. to 1½ oz.
Taraxacum, *T. Dens Leonis*, (Compositæ,) Indigenous.		
Terebinth. Canad. *Abies balsamea*, (Coniferæ,) Canada,		10 gr. to 30 gr.
Tinct. Aconiti, (⅔ weaker,)	54 gr. Root in 1 oz.	5 m. to 10 m.
„ Aloes, ...	...11 gr. Soc. Aloes in 1 oz.	½ oz. to 1½ oz.
* „ *Arnicæ*, ...	... 22 gr. Root in 1 oz.	30 m. to 1½ dr.
„ *Assafœtidæ*,	... 54 gr. Gum in 1 oz.	30 m. to 1½ dr.

				DOSE.
Tinct. Aurantii, ...	44 gr. Peel	in 1 oz.	2 dr. to	3 dr.
" Belladon., ($\frac{1}{2}$ weaker)	22 gr. Leaves	in 1 oz.	5 m. to	20 m.
" Benzoini Co. ...	44 gr. Gum	in 1 oz.	30 m. to	2 dr.
" Bucco, (Tinct. Buchu)	54 gr. Leaves	in 1 oz.	1 dr. to	3 dr.
" Calumbæ, ($\frac{1}{3}$ stronger)	54 gr. Root	in 1 oz.	40 m. to	2 dr.
" Camph. c Opio ($\frac{1}{5}$ str)	2 gr. Opium	in 1 oz.	1 dr. to	2 dr.
" Cannabis Indicæ, ...	22 gr. Ext.	in 1 oz.	10 m. to	1 dr.
" Cantharidis, ...	5¼ gr. Canth.	in 1 oz.	10 m. to	1 dr.
" Capsici, ...	15¼ gr. Capsic.	in 1 oz.	10 m. to	1 dr.
" Cardam. Co., ($\frac{1}{4}$ str.)	5½ gr. Cardam	in 1 oz.	1 dr. to	1½ dr.
" Cascarillæ, ...	54 gr. Leaves	in 1 oz.	1 dr. to	2 dr.
" Castorei, ($\frac{1}{5}$ weaker)	22 gr. Castor	in 1 oz.	20 m. to	2 dr.
" Catechu, ($\frac{1}{3}$ stronger)	54 gr. Gum	in 1 oz.	1 dr. to	2 dr.
" Chiratæ, ...	54 gr. Herb	in 1 oz.	1 dr. to	2 dr.
" Cinchonæ Comp. ...	44 gr. Bark	in 1 oz.	1 dr. to	3 dr.
" " Flavæ, ...	88 gr. Bark	in 1 oz.	1 dr. to	2 dr.
" Cinnam, ($\frac{1}{4}$ stronger)	54 gr. Bark	in 1 oz.	1 dr. to	2 dr.
" Cocci, ...	54 gr. Coccus	in 1 oz.	1 dr. to	2 dr.
" Colchici Seminis, ...	54 gr. Seed	in 1 oz.	10 m. to	40 m.
" Conii Fruct, ($\frac{1}{2}$ str.)	54 gr. Fruct.	in 1 oz.	20 m. to	40 m.
" Croci, ...	21 gr. Croci	in 1 oz.	1 dr. to	2 dr.
" Digitalis, ($\frac{1}{3}$ stronger)	54 gr. Leaves	in 1 oz.		
			Diuretic,	10 m. to 30 m.
			Sedative,	30 m. to 60 m.
Ergotæ, ...	14 gr. Ergot	in 1 oz.	10 m. to	1 dr.
" Ferri Perchlor, (Tr. Ferri Sesquichlor, P.L.)			10 m. to	1 dr.
" Gallæ, ...	54 gr. Galls	in 1 oz.	1 dr. to	2 dr.
" Gentianæ Co. ...	33 gr. Root	in 1 oz.	1 dr. to	2 dr.
" *Guaiaci Ammon.* ...	86 gr. Gum	in 1 oz.	30 m. to	1 dr.

				DOSE.
Tinct. Hyoscyami, ...	... 54 gr. Leaves	in 1 oz.	30 m.	to 2 dr.
„ Iodi, 11 gr. Iodine and 5½ gr. Pot. Iod.		in 1 oz.	10 m.	to 1 dr.
„ Jalapæ, ...	... 54 gr. Root	in 1 oz.	1 dr.	to ½ oz.
„ Kino, ...	... 44 gr. Gum	in 1 oz.	1 dr.	to 2 dr.
* „ Krameriæ, ...	... 54 gr. Root	in 1 oz.	1 dr.	to 2 dr.
„ Lavandulæ Co.			30 m.	to 2 dr.
„ Limonis, (⅓ stronger)	54 gr. Peel	in 1 oz.	30 m.	to 2 dr.
„ Lobeliæ, ...	... 54 gr. Herb	in 1 oz.	20 m.	to 1 dr.
„ Lobeliæ Ætherea, ...	54 gr. Herb	in 1 oz.	15 m.	to 30 m.
„ Lupuli, ...	... 54 gr. Hops	in 1 oz.	30 m.	to 2 dr.
„ Myrrhæ, nearly 2½ times stronger, ...	54 gr. Gum	in 1 oz.	10 m.	to 30 m.
„ Nucis Vomicæ, ...	43 gr. Nut	in 1 oz.	5 m.	to 20 m.
„ Opii, ...	... 32¼ gr. Opium	in 1 oz.	10 m.	to 1 dr.
„ Quiniæ Co., ...	8 gr. Quinine	in 1 oz.	1 dr.	to 4 dr.
„ Rhei, (⅓ more Rhei and Croci,) ...	43 gr. Rhei	in 1 oz.	2 dr.	to 1 oz.
„ Sabinæ, ...	... 54 gr. Leaves	in 1 oz.	30 m.	to 2 dr.
„ Scillæ, ...	... 54 gr. Squill	in 1 oz.	10 m.	to 30 m.
* „ Senegæ, ...	... 54 gr. Root	in 1 oz.	30 m.	to 60 m.
„ Sennæ, (¼ str. Corian. subst. for Card.)...	54 gr. Senna	in 1 oz.	2 dr.	to 6 [illegible]
„ Serpentariæ, ¼ str....	54 gr. Root	in 1 oz.	1 dr.	to 2 dr.
* „ Stramonii, ...	... 54 gr. Leaves	in 1 oz.	10 m.	to 30 m.
„ Tolut, 2½ times str.	54 gr. Gum	in 1 oz.	90 m.	to 1 dr.
„ Valerianæ, ...	... 54 gr. Root	in 1 oz.	1 dr.	to 3 dr.
„ „ Ammon.	54 gr. Root	in 1 oz.	30 m.	to 1 dr.
„ Zingiberis, ...	... 54 gr. Root	in 1 oz.	½ dr.	to 1 dr.
Tragacantha, *Astragalus verus*, (Leguminosæ,) Asia *Minor*, ...	... ...	...	½ dr.	to 1 dr.

DOSE.

*Troch Acidi Tannici, cont. ¼ gr. Tan. Ac. in each Loz.
* „ Bismuthi, „ 2 gr. Bismuth „
* „ Catechu, „ 1¼ gr. Catechu „
„ Morphiæ, „ $\frac{1}{36}$ gr. Morphia „
* „ „ et Ipec. $\frac{1}{36}$ gr. Morph. and $\frac{1}{12}$ gr. Ipec. „
* „ Opii, „ $\frac{1}{10}$ gr. Opium „

Ulmus, *U. Campestris*, (Ulmaceæ,) Indigenous, Demulcent, Tonic.

Uva Ursi, *Arctostaphylos*, *U. U.*, (Ericaceæ,) Indig., Diuretic, ... 10 gr. to 60 gr.

Valeriana, *V. officinalis*, (Valerianaceæ,) Indigenous, Antispasmodic, ... 20 gr. to 40 gr.

Veratria, an Alkaloid obtained from Cevadilla, (Ung. Veratriæ,) ... ... $\frac{1}{16}$ gr. to ⅛ gr.

Vinum Aloes, (¼ stronger, 16½ gr. Aloes in 1 oz.) ... ½ oz. to 1½ oz.
„ Antimoniale, (2 gr. Ant. Tart. in 1 oz.) ... ... { Expector. 15 m. to 1 dr.; Emetic, ... 2 dr. to ½ oz.
„ Colchici, (87½ gr. Colch. Corm. in 1 oz.) ... 30 m. to 1 dr.
„ Ferri, (8 gr. Ferri Tart. in 1 oz.) Tonic, ... 30 m. to 2 dr.
„ Ipecac. (22 gr. Root in 1 oz.) { Expectorant, 10 m. to 40 m.; Emetic, ... 2 dr. to 4 dr.
„ Opii, (32 gr. Pulv. Opii in 1 oz.) Narcotic, 10 m. to 1 dr.

Zericum, Sherry, a Spanish Wine, ... 8 oz. to 16 oz.

Zinci Acetas, $Zn\,O, C_4\,H_3\,O_3 - 2\,HO = 110$, used in Lotions and Injections.
„ Carbonas, $Zn\,O, CO_2 - HO - 2\,Zn\,O, HO = 172$.
„ Chloridum, $Zn\,Cl = 69$, Caustic, Internally, ½ gr. to 2 gr.
„ Oxidum, $Zn\,O = 41$, Tonic, ... 1 gr. to 2 gr.

		DOSE.
Zinci Sulphas, Zn O, SO_3 — 7 HO = 144,	Astringent, ...	1 gr. to 2 gr.
	Emetic, ...	10 gr. to 20 gr.
" Valerianas, Zn O, C_{10} H_9 O_3 = 134, Tonic and Antispasmodic, ...		1 gr. to 3 gr.
Zingiber, *R. officinale*, (Zingiberaceæ,) W. Indies, Aromatic, Stimulant, ...		5 gr. to 13 gr.

MEDICINES FOR EXTERNAL USE, &c.

Acidum Aceticum Glaciale, S.G. 1·065, used as a Caustic.

" Nitricum, S.G. 1·5, used as a Caustic.

Ammoniæ Hydrochloras; for a Lotion, from 2 dr. to ½ oz. in 1 pint of Water or Vinegar, with a little Spirit; a mixture of 5 parts Ammon. Hyd. and 5 parts Nitre, with 16 parts of Water, will reduce the temperature 40 degrees.

Argenti Nitras; as an application to the Uvula or Tonsils, 40 to 60 gr. to 1 oz. Water. In purulent Opthalmia, 2 gr. to 5 gr. in 1 oz. As an injection, 1 gr. to 8 gr. to 1 oz.

Borax; for a Lotion or Gargle, 20 to 30 gr. to 1 oz. Water.

Calomelas; for a Lotion, 10 gr. to 1 oz. Lime Water.

Cataplasma Carbonas; a disinfecting poultice for gangrenous sores.

" Conii; a soothing poultice for painful ulcers, &c.

" Fermenti; a stimulating poultice for foul and irritable sores.

" *Lini*; an emollient poultice.

Cataplasma Sinapis; a stimulating poultice for producing counter-irritation.

" Sodæ Chloratis; a disinfecting poultice for foul gangrenous sores.

Collodium; an adhesive transparent covering for cuts and sores.

Cupri Sulphas; for a Lotion, 2 to 10 gr. in 1 oz. Water; for an Injection, 1 to 4 gr. in 1 oz. Water.

Decoctum Quercus; an astringent Gargle, Injection, or Lotion.

Emplastrum Ammon c Hydr. (same as P.L.)

" Belladonnæ, (Emp. Resinæ added.)

* " Calefaciens, (1 part Cantharides in 24 parts.)

" Cantharidis, (1 part Cantharides in 3 parts.)

" Ferri, (B. Pitch added, Frankincense omitted.)

" Galbani, (Ammon. and Wax added, Turp. and Thus. omitted.)

" Hydrargyri, (Resin added, Sulphur omitted.)

" Lithargyri, (Emp. Plumbi P.L.)

" Opii, (Pulv. instead of Ext.; Emp. Resin instead of Emp. Plumb. and Thus.)

" Picis, (similar to P.L.)

" Resinæ, (Hard Soap added.)

" Saponis, (similar to P.L.)

Enema Aloes, (Mucilage of Starch instead of Dec. Hordei.)

" Assafœtidæ, (Tinct. instead of Gum, Starch instead of Barley.)

" Magnesiæ Sulphatis, (1 oz. in 16 oz.)

" Opii, (double qty. Tinct. Opii, 15 m. in 1 oz.)

" Tabaci, (20 gr. in 8 oz.)

" Terebinth, (Starch instead of Barley and Yolk of Egg.)

***Lin. Aconiti**, (1 oz. Rad. Aconit. in 1 fl. oz.)

" Ammoniæ, (2 dr. Liq. Ammon. in 1 fl. oz.)

*Lin. Belladonnæ, (1 oz. Rad. Bellad. in 1 fl. oz.)
" Calcis, (equal parts Ol. Olivæ and Liq. Calcis.)
" Camphoræ, (2 dr. Camphor in 1 fl. oz.)
" " Co., (nearly twice as much Liq. Am. F. as P.L.)
* " Cantharidis, (1 oz. Cantharides in 2½ fl. oz.)
* " Chloroformi, (½ fl. oz. Chloroform in 1 fl. oz.)
* " Crotonis, (1 fl. dr. Croton Oil in 1 fl. oz.)
" Hydrargyri, (Lin. Camph. substituted for Lard and Camph.)
* " Iodi, (¼ oz. Iodine and 24 gr. Pot. Iod. in 1 fl. oz.)
" Opii, (½ fl. oz. Tinct. Opii in 1 fl. oz.)
" Saponis, (contains 12 times as much Ol. Rosmar. as P.L.)
" Terebinthinæ, (Ung. Resinæ subst. for S. Soap and Camph.)
* " Terebinth. Acet. (1 oz. ea. Acid and Turp. in 3 fl. oz.)

Liquor Ammoniæ, (Used in Liniments as a stimulant.)
" " Fort, (10 drops applied to the skin on Cotton Wool, covered with Gutta Percha Tissue, will produce an immediate blister.)
" Antimonii Terchloridi, (employed as a Caustic in cases of bites from rabid animals.)
" Atropiæ, (used to produce dilatation of the pupil of the Eye.)
" Calcis, (10 gr. of Calomel to 1 oz. as a Lotion.)
" " Chloratæ, (1 to 2 oz. in 1 pint of water as a Lotion.)
" Chlori, (1 dr. to 1 oz. of Water as a Lotion or Gargle.)
" Hydrargyri Nitratis Acidus, (a powerful Caustic for malignant ulcers.)
" Plumbi Subacetatis, } used as a topical remedy in
" " " dilutus, } superficial inflammations.
" Potassæ Permanganatis, (1 to 2 dr. to ½ pint of Water as a disinfecting Lotion.)

Plumbi Acetas, (for a Lotion, 1 dr. to 8 oz. of Water.)

Potassa Caustica, (a powerful Caustic, but very deliquescent.)

" Sulphurata, (for a Lotion, 1 dr. to ½ pint of Water; for a Bath, 1 oz. to 8 gal. of Water.)

Potassæ Permanganas, (as a Lotion, ¼ gr. to 1 gr. in ½ pint of Water.

Soda Caustica, (a powerful Caustic, less deliquescent than Caustic Potash.)

Spiritus Cajuputi,
" Camphoræ,
" Rosmarini, } (1 oz. in 10 oz. of Spirit,) stimulating external applications.

Suppositoria Acidi Tannici, (1 gr. of Tannic Acid in each.)

" Morphiæ, (¼ gr. of Morphia in each.)

Tinctura Arnicæ, (for a Lotion, from 1 pt. in 16 pt. to equal parts.)

* **Ung. Aconitiæ**, (1 gr. Aconitia in 55 gr.)
" Antim. Tart (1 dr. Antim. Tart. in 5 dr.)
* " Atropiæ, (1 gr. Atropia in 55 gr.)
" Belladonnæ, (10 gr. Extract in 55 gr.)
* " Calomelanos, (10 gr. Calomel in 55 gr.)
" Cantharidis, (10 gr. Cantharides in 80 gr.)
" Cetacei, (Almond Oil substituted for Olive Oil.)
* " Cocculi, (10 gr. Cocculus in 55 gr.)
" Creasoti, (double strength, 8 m. Creasoti in 55 gr.)
" Elemi, (Ung. Simp. substituted for Turp. Suet and Ol. Oil.)
* " Gallæ, (10 gr. Galls in 55 gr.)
" " c Opio, (double strength, 4 gr. Opium in 55 gr.)
" Hydrargyri, (same as P.L.)
" " Ammon., (Ung. Hyd. Am. Chlor. P. L.) 8 gr. Hyd. Am. in 55 gr.
* " " Iodidi Rubri, (2 gr. Hyd. Iod. R. in 55 gr.)
" " Nitratis, (same strength as P.L.)

Ung. Hydrargyri Oxidi Rubri, (Ung. Hyd. Nit. Ox. P. L.) 8 gr. Hyd. Ox. Rub. in 55 gr.

" Iodi Co., (2 gr. ea. Iod. and Pot. Iod. in 55 gr.)

* " Plumbi Carbonatis, (8 gr. Plumb. Carb. in 55 gr.)

" " Subacetatis, (Liq. Plumb. sub. for Plumb. Acet.)

" Potassii Iodidi, (8 gr. Potass Iodid in 55 gr.)

" Resinæ, (Ung. Simp. substituted for Olive Oil.)

" Sabinæ, (1 dr. Savine in 3¼ dr.)

" Simplex, (Lard and Almond Oil substituted for Olive Oil.)

" Sulphuris, (1 oz. Sulphur in 5 oz.)

* " Terebinthinæ, (1 oz. Turpentine in 2 oz.)

* " Veratriæ, (1 gr. Veratria in 55 gr.)

" Zinci Oxidi, (10 gr. Zinc Ox. in 55 gr.)

Zinci Acetas, (as a Lotion or Injection, 2 gr. to 8 gr. in 1 oz. of Water.)

" Chloridum, (a powerful Caustic, ½ dr. to 2 dr. to 1 oz. Water.)

" Sulphas, (as a Lotion, 1 gr. to 10 gr. to 1 oz. Water.)

TABLE OF THE NATURAL ORDERS,

WITH THEIR DISTINGUISHING CHARACTERISTICS.

Amyridaceæ.—(The Myrrh order.) Myrrh.

Diagnosis—**Fruit** consolidated, hard, dry, and somewhat valvular, **Petals** valvate, **Stamens** free, **Leaves** generally dotted. (Lindley.)

Anacardiaceæ.—(The Cashew Nut or Sumach order.) Mastic.

Diagnosis—**Fruit** apocarpous, **Ovule** single, suspended by a cord from the base of the carpel. (Lindley.)

Aristolochiaceæ.—(The Birthwort order.) Serpentary.

Diagnosis—**Ovary** 3—6 celled, **Ovules** numerous. (Lindley.)

Asclepiadaceæ.—(The Asclepias or Milkweed order.) Hemidesmus.

Diagnosis—**Anthers** and **Stigmas** consolidated into a column. (Lindley.)

Atropaceæ.—(The deadly Nightshade order.) Belladonna, Hyoscyamus, Stramonium, Tobacco.

Diagnosis—"**Flowers** isomerous, or nearly so, **Æstivation** imbricate, or some modification of it." (Lindley.) The *imbricate æstivation* distinguishes it from the Solinaceæ, and the *isomerous flowers* from Schrophulariaceæ.

Aurantiaceæ.—(The Orange order.) Bael, Lemon, Orange.

Diagnosis—**Fruit** consolidated, succulent, indehiscent, **Petals** imbricated, **Stamens** free, or nearly so, **Leaves** dotted. It is distinguished from Rutaceæ by the *unlobed ovary* and *succulent fruit.* (Lindley.)

Cannabinaceæ.—(The Hemp order.) Hops, Indian Hemp.

Diagnosis—**Ovule** solitary and suspended, **Embryo** hooked and exalbuminous, **Radicle** superior. The *suspended Ovule* and *hooked Embryo* distinguish it from Urticaceæ. (Lindley.)

Caprifoliaceæ.—(The Honeysuckle order.) Elder, (the flowers.)

Diagnosis—**Stamens** epipetalous, **Anthers** straight, bursting longitudinally, **Fruit** consolidated, **Leaves** without Stipules. (Lindley.)

Cinchonaceæ.—(The Cinchona order.) Cinchona, Ipecacuanha.

Diagnosis—**Stamens** epipetalous, **Anthers** straight, bursting longitudinally, **Leaves** with interpetiolar Stipules. (Lindley.)

Compositæ or Asteraceæ.—(The Composite order.) Arnica, Chamomile, Dandelion, Santonica.

Diagnosis—**Ovary** 1 celled, **Corolla** valvate, **Anthers** syngenesious, **Ovule** erect, no **Albumen.** (Lindley.)

Coniferæ or Pinaceæ.—(The Pine or Coniferous order.) Black Pitch, Burgundy Pitch, Juniper, Resin, Savine, Turpentine.

Diagnosis — **Stem** repeatedly branched, continuous, **Leaves** simple, acerose, **Females** in cones. (Lindley.)

Convolvulaceæ. — (The Convolvulus or Bindweed order.) Jalap, Scammony.

Diagnosis—**Stamens** free, 5, **Placenta** basal, **Cotyledons** leafy, doubled up. (Lindley.)

Cruciferæ or Brassicaceæ.—(The Cruciferous or Cabbage order.) Horse Radish, Mustard.

Diagnosis — **Flowers** tetramerous, **Stamens** tetradynamous. (Lindley.)

Cucurbitaceæ.—(The Gourd or Cucumber order.) Colocynth, Elaterium.

Diagnosis — **Plant** climbing, **Flowers** monopetalous, **Placentæ** strictly parietal, **Fruit** pulpy. (Lindley.)

Cupuliferæ.—(The Oak or Mastwort order.) Oak Bark, Galls.

Diagnosis—**Ovary** 2 or more cells, **Ovules** pendulous or peltate. (Lindley.)

Ericaceæ. (The Heath order.) Uva Ursi or Bearberry.

Diagnosis—**Flowers** monopetalous, **Stamens** all perfect, free, ***Seeds*** with a firm or loose skin, **Anthers** 2 celled, opening by *pores.* *(Lindley.)*

Euphorbiaceæ.—(The Spurgewort order.) **Cascarilla, Castor Oil,** Croton Oil.

Diagnosis — **Ovules** definite, **suspended, anatropal, Flowers** scattered, unisexual, **Fruit** tricoecus. (Lindley.)

Filices.—(The Fern order.) Male Fern.

Diagnosis—Vascular Acrogens, with marginal or dorsal 1 celled spore-cases, usually surrounded with an elastic ring, and spores of only one kind. (Lindley.)

Gentianaceæ.—(The Gentian order.) Chiretta, Gentian.)

Diagnosis—**Stipules** none, **Stigmas** simple, at the end of a manifest style, **Placentæ** parietal, **Flowers** regular, **Leaves** ribbed. (Lindley.)

Graminaceæ.—(The Grass order.) Barley, Ergot.

Diagnosis.—**Ovary** 1 celled, with 2 or more distinct, or united styles, **Ovule** ascending, **Embryo** lateral, naked, **Leaves** split, sheathed. (Lindley.)

Guttiferæ or Clusiaceæ.—(The Gamboge or Mangosteen order.) Gamboge.

Diagnosis—**Leaves** simple, opposite, without Stipules, **Flowers** symmetrical, **Petals** equilateral, **Anthers** adnate, beakless, **Seeds** solitary or few, **Stigmas** sessile, radiating. (Lindley.)

Iridaceæ.—(The Iris or Corn Flag order.) Saffron.

Diagnosis — **Flowers** hexapetaloideous, **Stamens** 3, opposite sepals, **Anthers** turned outwards. (Lindley.)

Krameriaceæ.—(The Rhatany order.) Rhatany.

This order is distinguished from the Polygalaceæ by the **Flowers** not presenting a falsely papilionaceous arrangement, by the **Stamens** being 1, 3, or 4, and distinct, by the **Ovary** being 1 celled, or imperfectly 2 celled, and by the **Seeds** being exalbuminous. (Bentley.)

Labiatæ or Lamiatæ.—(The Labiate order.) Lavender, Peppermint, Rosemary, Spearmint.

Diagnosis—**Flowers** irregular, unsymmetrical, and 4 distinct *nuts.* (Lindley.)

Lauraceæ.—(The Laurel order.) Bebeerine, Camphor, Cinnamon, Sassafras.

Diagnosis—**Anthers** bursting by recurved valves, **Leaves** perfect, Fruit naked. (Lindley.)

Leguminosæ or Fabaceæ.—(The Leguminous order.) Acacia, Balsams of Peru and Tolu, Broom, Cassia Pulp, Copaiba, Kino, Liquorice, Red Sandal Wood, Senna, Tamarinds, Tragacanth.

Diagnosis—**Flowers** polypetalous, (or apetalous,) papilionaceous or leguminous, **Carpel** solitary, with the style proceeding from the apex of the Ovary. (Lindley.)

Liliaceæ.—(The Lily order.) Aloes, Squill.

Diagnosis—**Perianth** naked, flat when withering, **Anthers** turned inwards, **Styles** consolidated, **Albumen** fleshy. (Lindley.)

Lichenes.—(The Lichen order.) Iceland Moss.

Diagnosis—Cellular flowerless plants, nourished through their whole surface by the medium in which they vegetate, living in air, propagated by spores usually inclosed in Asci, and always having green Gonidia in their Thallus. (Lindley.)

Linaceæ.—(The Flax order.) Linseed.

Diagnosis—**Flowers** symmetrical, **Styles** distinct, **Carpels** longer than the Torus, **Seeds** with little or no Albumen. (Lindley.)

Lobeliaceæ.—(The Lobelia order.) Lobelia.

Diagnosis—**Ovary** 2 or more celled, **Anthers** syngenesious, **Stigma** surrounded by hairs, **Corolla** irregular, valvate. (Lindley.)

Loganiaceæ.—(The Spigelia or Strychnos order.) Nux Vomica.

Diagnosis—**Leaves** opposite, with intervening Stipules. (Lindley.)

Melanthaceæ or Colchicaceæ.—(The Colchicum order.) Colchicum, Sabadilla.

Diagnosis—**Perianth** naked, flat when withering, **Anthers** turned outwards, **Styles** distinct, **Albumen** fleshy. (Lindley.)

Menispermaceæ.—(The Moon Seed order.) Calumba, Cocculus, ***Pareira.***

Diagnosis—**Albumen** sparing, solid, **Seeds** amphitropal, **Embryo** large. (Lindley.)

Moraceæ.—(The Mulberry order.) Fig, Mulberry.

Diagnosis—**Radicle** superior, **Ovules** solitary, suspended, **Embryo** hooked, albuminous, **Juice** milky. (Lindley.)

Myristicaceæ.—(The Nutmeg order.) Nutmegs.

Diagnosis—**Albumen** copious, ruminated, **Sepals** united in a valvate cup. (Lindley.)

Myrtaceæ.—(The Myrtle order.) Cajuput, Clove, Pimento, Pomegranate.

Diagnosis—**Ovary** more than 1 cell, **Flowers** polypetalous, or apetalous, (or valvate,) **Calyx** imbricated, **Stamens** indefin., **Anthers** oblong, **Leaves** dotless.

Oleaceæ.—(The Olive order.) Manna, Olive Oil.

Diagnosis—**Stamens** free, 2 or 4.

Papaveraceæ.—(The Poppy order.) White and Red Poppy, Opium.

Diagnosis — **Carpels** consolidated, **Calyx** deciduous, **Placentæ** usually parietal. (Lindley.)

Piperaceæ.—(The Pepper order.) Black Pepper, Cubebs, Matico.

Diagnosis — **Carpels** solitary, **Ovule** erect, **Embryo** lying in Vitellus, **Leaves** opposite, or alternate, with or without Stipules. (Lindley.)

Polygalaceæ.—(The Milkwort order.) Senega.

Diagnosis—**Flowers** complete, irregular, unsymmetrical, **Petals** naked, **Anthers** 1 celled, opening by pores, **Seeds** carunculate. (Lindley.)

Polygonaceæ.—(The Buckwheat order.) Rhubarb.

Diagnosis—**Calyx** often coloured, **Corolla** present or absent, **Ovules** orthotropal, **Nut** usually triangular. (Lindley.)

Ranunculaceæ.—(The Crowfoot order.) Aconite, Podophyllum.

Diagnosis— **Carpels** distinct, **Stipules** none, **Corolla** imbricated, *Albumen* homogeneous, **Seeds** without an Aril. (Lindley.)

Rosaceæ.—(The Rose order.) Almonds, Cherry, Laurel, Kousso, Prunes, Rose.

Diagnosis—**Flowers** polypetalous, **Carpels** free from the Calyx, and quite or nearly so from each other. (Lindley.)

Rutaceæ.—(The Rue order.) Buchu, Cusparia, Rue.

Diagnosis—**Fruit** finally apocarpous, few seeded, with the Pericarp separating in two layers, **Ovules** sessile, pendulous, **Flowers** hermaphrodite. (Lindley.)

Scrophulariaceæ.—(The Figwort order.) Digitalis.

Diagnosis—**Placentæ** axile, **Seeds** albuminous, **Cotyledons** scarcely larger than, or not so large as, the Radicle. (Lindley.)

Simurubaceæ.—(The Quassia or Simaruba order.) Quassia.

Diagnosis—**Fruit** finally apocarpous, one seeded, with the Pericarp not laminating, and a dry, inconspicuous Torus, **Albumen** wanting, **Leaves** alternate, without Stipules. (Lindley.)

Smilaceæ.—(The Sarsaparilla order.) Sarsaparilla.

Diagnosis—**Flowers** diæcious, hexapetaloideous, **Carpels** several, quite consolidated, **Placentæ** axile. (Lindley.)

Solanaceæ.—(The Solanum or Potatoe order.) Capsicum, Dulcamara.

Diagnosis — **Stamens** free, 5, **Placentæ** axile, **Embryo** terete. (Lindley.)

Styracaceæ.—(The Storax order.) Benzoin.

Diagnosis—**Flowers** monopetalous, **Stamens** epipetalous, **Ovules**, in part at least, suspended, **Radicle** long, **Cotyledons** leafy. (Lindley.)

Thymelaceæ.—(The Mezereon order.) Mezereon.

Diagnosis—**Anthers** bursting lengthwise, **Corolla** apetalous or polypetalous, **Ovule** solitary, suspended, **Calyx** imbricated. (Lindley.)

Umbelliferæ or Apiaceæ.—(The Umbelliferous order.) Anise, *Ammoniacum*, Assafœtida, Caraway, Coriander, Dill, Fennel, *Galbanum*, Hemlock.

Diagnosis—**Fruit didymous, with a double epigynous disk.** (Lindley.)

Ulmaceæ.—(The Elm order.) Elm.

Diagnosis—**Flowers apetalous, Ovary 2 carpels, Calyx imperfect,** and irregularly divided at the edge, **Cotyledons thin and leafy.** (Lindley.)

Valerianaceæ.—(The Valerian order.) Valerian.

Diagnosis—**Ovary 1 celled, Corolla imbricated, Anthers free, Ovule** pendulous, **Albumen** none. (Lindley.)

Vitaceæ or Ampelideæ.—(The Vine order.) Raisins.

Diagnosis — **Flowers** regular, symmetrical, **Placentæ** axile, **Stamens** opposite the Petals, **Anthers** opening longitudinally. (Lindley.)

Zygophyllaceæ.—(The Bean-Caper or Guaiacum order.) Guaiacum.

Diagnosis—**Fruit finally apocarpous,** few seeded, with the Pericarp not laminating, and a dry, inconspicuous Torus, **Albumen** present, **Leaves** opposite, with Stipules. (Lindley.)

Zingiberaceæ.—(The Ginger order.) Cardamoms, Ginger.

Diagnosis—**Stamen 1, Anther 2 celled, Embryo in a Vitellus.** (Lindley.)

GLOSSARY

OF THE BOTANICAL TERMS EMPLOYED IN THE FOREGOING TABLE.

Ac'erose—(Lat. *acus*, chaff.) Applied to leaves which are linear and permanent, as in the pine.

Ac'rogen—(Gr. *akros*, high; *gennaó*, I produce.) A class of vegetables characterized by growing from the top or point.

Ad'nate—(Lat. *ad*, to; *nascor*, I am born.) Growing together.

Æs'tivation—(Lat. *æstas*, summer.) The manner in which the petals of a *flower* are arranged in the bud.

Amphit'ropal—(Gr. *amphis*, on both sides; *trepó*, I turn.) Applied to ovules or seeds which are attached by the middle.

Anat'ropal—(Gr. *ana*, back; *trepó*, I turn.) Applied to ovules or seeds which are curved down and grown to the lower half.

Anther—(Gr. *anthos*, a flower.) The top of the stamen, or male part of the flower, containing the pollen, or fertilizing dust.

Apet'alous—(Gr. *a*, not; *petalon*, a flower, leaf, or petal.) Having no distinction of sepals and petals.

Apocar'pous—(Gr. *apo*, from; *karpos*, fruit.) Carpels separated, or only partially united.

Aril—The expansion of the Funiculus or Placenta round the seed, as the mace of a nutmeg.

Car'pel—(Gr. *karpos*, fruit.) A name given to the separate pistils of which a compound fruit is formed.

Car'unculate—(Lat. *caro*, flesh.) Having a fleshy excrescence round or near the hilum of the seed.

Cotyle'don—(Gr. *kotulédón*, a cup-like hollow.) The temporary or seed-leaves which first appear above ground.

Decid'uous—(Lat. *de*, down; *cado*, I fall.) Finally falling off.

Did'ymous — (Gr. *didymos*, twofold.) Growing in pairs.

Dias'cious—(Gr. *dis*, double; *oikes*, a house.) Having male flowers on one plant and female on another.

Dor'sal—(Lat. *dorsum*, the back.) Placed on, or belonging to, the back.

Em'bryo—(Gr. *embruon*.) The first or rudimentary form of a vegetable.

Epig'ynous—(Gr. *epi*, on; *gunê*, a female.) Growing on the top of the ovary; applied to stamens united to both the calyx and the ovary.

Epipet'alous—(Gr. *epi*, on; *petalon*, a petal.) Placed, or growing on, the petals.

Equilat'eral—(Lat. *æquus*, equal; *latus*, a side.) Having all the sides equal.

Exalbu'minous—(Lat. *ex*, from; *albumen*.) Without albumen.

Gonid'ia—*Green* reproductive granules *found in the medullary* layer of *Lichens.*

Hermaph'rodite—(Gr. *Hermes*, Mercury; *Aphrodite*, Venus) Partaking of both male and female in the same individual.

Hexapet'aloidous—(Gr. *hex*, six; *petalon*, a petal.) Consisting of six coloured parts, like petals.

Hi'lum—(Lat. the back of a bean.) The scar marking the union of a seed with the fruit.

Im'bricate—(Lat. *imbrex*, a tile.) Overlapping each other like tiles.

Indehis'cent—(Lat. *in*, not; *dehisco*, I gape.) Applied to fruits which do not split open, as the apple.

Interpet'iolar—(Lat. *inter*, between; *petiolus*, the stalk.) Between leaf-stalks of opposite sides.

Isom'erous—(Gr. *isos*, equal; *meros*, a part.) A flower having all its parts equal to each other in number.

Lam'inated—(Lat. *lamina*, a plate.) An arrangement in plates or scales.

Legu'minous — (Lat. *legumen*, pulse.) Belonging to the bean tribe, the fruit of which is a legume or pod.

Monopet'alous—(Gr. *monos*, single; *petalon*, a petal.) Having petals united by their margins.

Orthot'ropal—(Gr. *orthus*, right; *trepo*, I turn.) Applied to the ovule when its parts undergo no change of position during growth.

O'vary—(Lat. *ovum*, an egg.) The case containing the young seeds, and ultimately becoming the fruit.

O'vule—(Lat. *ovum*, an egg.) The young seed.

Papiliona'ceous—(Lat. *papilio*, a butterfly.) Applied to plants of the Leguminous order, as the Pea.

Pari'etal—(Lat. *paries*, a wall.) Applied to any organ growing from the sides or walls of another.

Pel'tate—(Lat. pelta, a target.) Shield

shape; applied to leaves having the stem inserted at or near the middle of the under surface.

Pen'dulous—(Lat. *pendeo*, I hang.) Hanging.

Per'ianth—(Gr. *peri*, about; *anthos*, a flower.) Applied to the calyx and corolla of flowers, especially when they cannot be easily distinguished from each other.

Per'icarp—(Gr. *peri*, around; *carpos*, the fruit.) The seed-vessel, or shell of the fruit of plants.

Placen'ta—(Gr. *plakous*, a flat cake.) That part of a seed-vessel or fruit to which the ovules or seeds are attached.

Polypet'alous (Gr. *polus*, many; *petalon*, a petal.) Having many petals.

Rad'icle—(Lat. *radicula*, a little root.) The part of the embryo which becomes the root.

Ru'minated—(Lat. *rumen*, the cud.) Applied to the albumen of the seed, when it presents a mottled appearance.

Ses'sile—(Lat. *sedeo*, I sit.) Having no stem, or stalk.

Spor'ules, or Spores—(Lat. *spora*, a seed.) The minute organs in flowerless plants, analogous to seeds.

Stig'ma—(Gr. *stizo*, I prick.) The upper extremity of the pistil, or that part which receives the pollen.

Stip'ules — (Lat. *stipula*, a stem.) A small leaf-like appendage to the leaf, commonly at the base of the stem.

Suc'culent—(Lat. *succus*, juice.) Plants having a juicy and soft stem and leaves.

Su'perior—(Lat. above.) Applied to the ovary when *not adherent* to the calyx; and to the calyx when it *is adherent* to the ovary; also, to the part of a flower nearest the axis or growing point.

Syn'genesious—(Gr. *sun*, with; *genesis*, production.) Applied to a class of plants in which the anthers are united, the filaments being mostly separate.

Te'rete—(Lat. *teres*, round.) Cylindrical and tapering.

Tetradyn'amous — (Gr. *tetra*, four; *dunamis*, strength.) Applied to plants having four long, and two short stamens.

Tetram'erous—(Gr. *tetra*, four; *meros*, a part.) Consisting of four parts.

Thal'lus—(Gr. *thallus*, a bough.) The cellular expansion in cryptogamic plants, analogous to fruit.

Tor'us. (Lat. a bed.) The receptacle, or part of the flower on which the carpels are seated.

Tricoc'cous—(Gr. *tries*, three; *kokkos*, a berry.) Applied to a fruit, having a capsule with three cells, each containing one seed.

Unisex'ual—(Lat. *unus*, one; *sexus*, a sex.) Applied to plants having separate male and female flowers.

Val'vate—(Lat. *valvæ*, folding doors.) Opening by valves; applied to æstivation and vernation, when the leaves in the flower-bud, or leaf-bud, are applied to each other by their margins only.

Vas'cular—(Lat. *vasculum*, a little vessel.) Consisting of, or containing vessels.

Vitel'lus—(Lat. a yolk.) The sac of the Amnios in a thickened state, and forming a case in which lies the embryo.

POISONS AND THEIR ANTIDOTES.

Acid. Hydrocyanic.—Hydrated Peroxide of Iron, Chlorine, Ammonia, cold affusion over the head and neck.

" **Acetic.**—
" **Hydrochloric.**—
" **Nitric.**—
" **Sulphuric.**—
} Magnesia with Milk, Chalk or Whiting with Milk, Soap Suds, Carbonate of Soda, Olive Oil, Linseed Tea, Gruel.

" **Oxalic.**—Chalk, Whiting, or Magnesia, Emetics of Sulphate of Zinc, &c., Emollient drinks.

" **Phosphoric.**—Magnesia, Emetics and Emollient drinks.

Alcohol.—The Stomach Pump, cold affusion, Ammonia to the nostrils, Dilute Solution of Acetate of Ammonia.

Chloroform.—
Ether.—
} Cold affusion on the head and neck, Ammonia to the nostrils, and artificial respiration.

Alkalies—
Ammonia.—
Potash.—
Soda.—
} Weak Acids, as Vinegar and Water, Olive Oil, followed by Acidulated Demulcent drinks.

Iodine.—
Iodide of Potassium.—
} Emetics and Amylaceous Fluids, as Gruel, Arrowroot, Starch, &c.

Irritant Gases—
Chlorine.—
Nitrous Acid.—
Hydrochloric Acid.—
} Removal to pure air, and inhalation of Ammonia, Ether, or the vapour of Warm Water.

Mad Dogs, Bites of.—Wash the wound with Warm Vinegar and *Water,* dry, and apply Nitrate of Silver, Butter of Anti*mony, or Hydrochloric* Acid.

Metallic Poisons.

Arsenic.—The Stomach Pump, Oil and Lime Water, equal parts, Charcoal, Magnesia, and Hydrated Peroxide of Iron; Opiates.

Antimony.—Vomiting to be promoted by tepid Water; any astringent infusion of Tea, Oak Bark, Tannin, &c.; afterwards Opiates, Warm Bath, and Mustard Poultices.

Baryta, Salts of.—Stomach Pump or Emetics, Sulphate of Magnesia or Soda.

Copper.—The White and Yolk of several Eggs, followed immediately by Milk, or Mucilaginous drinks.

Lead.—An Emetic of Sulphate of Zinc, or the Stomach Pump; the Sulphate of Soda or Magnesia dissolved in Water. For the **Carbonate of Lead**, the Sulphate of Magnesia should be given in Dilute Vinegar.

Mercury.—Promote vomiting by giving large quantities of fluid containing Albumen, the White and Yolk of several Eggs, Gluten, or Flour and Water; Demulcent drinks, Opiates, and farinaceous diet; Chlorate of Potash to prevent salivation.

Silver.—Common Salt.

Zinc.—Milk and Albuminous drinks, as well as strong Tea, or other astringent infusion.

Narcotic Poisons.

Opium.—The Stomach Pump must be immediately used, or Emetics of Sulphate of Zinc, Mustard, &c., given, the patient at the same time being prevented from going to sleep by means of cold affusion, walking about, flagellating the legs with a wet towel, electro-magnetic shocks, the administration of stimulants, as strong coffee or green tea, &c. Laxative Enemas must be administered if the poison has passed into the bowels.

The same treatment may be employed in case of poisoning by any of the other Narcotics or poisonous Fungi, first administering a large quantity of Animal Charcoal. The Extract of Indian Hemp has been recommended as a powerful sedative in cases of poisoning by *Strychnia*.

TABLE OF ELEMENTARY SUBSTANCES WITH THEIR SYMBOLS AND EQUIVALENTS.

The Metalloids are in Italics to distinguish them from the Metals.

No.	Elements.	Symbols.	Equivalents	No.	Elements.	Symbols.	Equivalents
1	**Aluminum**	AL	14	34	**Molybdenum**	Mo	48
2	**Antimony** (Stibium)	SB	122	35	**Nickel**	Ni	30
3	**Arsenic**	AS	75	36	**Niobium**	Nb	
4	**Barium**	Ba	69	37	*Nitrogen*	N	14
5	**Bismuth**	Bi	210	38	**Norium**	No	
6	*Boron*	B	11	39	**Osmium**	Os	100
7	*Bromine*	Br	80	40	*Oxygen*	O	8
8	**Cadmium**	Cd	56	41	**Palladium**	Pd	54
9	**Cæsium**	Cæ	123	42	**Pelopium**	Pe	
10	**Calcium**	Ca	20	43	*Phosphorus*	P	31
11	*Carbon*	C	6	44	**Platinum**	Pt	99
12	**Cerium**	Ce	46	45	**Potassium** (Kalium)	K	39
13	*Chlorine*	Cl	36	46	**Rhodium**	Ro	52
14	**Chromium**	Cr	26	47	**Rubidium**	Rb	85
15	**Cobalt**	Co	30	48	**Ruthenium**	Ru	52
16	**Calumbium** (Tantalum)	Ta	184	49	*Selenium*	Se	40
17	**Copper** (Cuprum)	Cu	32	50	*Silicon*	Si	22
18	**Didymium**	Di	48	51	**Silver** (Argentum)	Ag	108
19	**Erbyum**	Er	?	52	**Sodium** (Natrium)	Na	23
20	*Fluorine*	F	19	53	**Strontium**	Sr	44
21	**Glucinum**	G	7	54	*Sulphur*	S	16
22	**Gold** (Aurum)	Au	197	55	**Tellurium**	Te	64
23	*Hydrogen*	H	1	56	**Terbium**	Tb	?
24	**Ilmenium**	Il		57	**Thorium**	Th	60
25	*Iodine*	I	127	58	**Tin** (Stannum)	Sn	59
26	**Iridium**	Ir	99	59	**Titanium**	Ti	24
27	**Iron** (Ferrum)	Fe	28	60	**Tungsten** (Wolfram)	W	92
28	**Lanthanum**	La	44	61	**Uranium**	U	60
29	**Lead** (Plumbum)	Pb	104	62	**Vanadium**	V	68
30	**Lithium**	L	7	63	**Yttrium**	Y	32
31	***Magnesium***	Mg	12	64	**Zinc**	Zn	32
32	***Manganese***	Mn	28	65	**Zirconium**	Zr	34
33	***Mercury*** (Hydrargyrum)	Hg	100				

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